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ABSTRACT

This report is part of the Indiana College-Level Manpower Study and provides statistical information concerning future college enrollments and manpower supply. The survey data of this report deal with the educational and occupational plans of Indiana high school seniors who had pursued college preparatory programs at the secondary education level. The report deals primarily with the 17,464 seniors who classified themselves as college preparatory. For purposes of comparison, the responses of non-college preparatory seniors are included. The data of this report are meant to be informational; of potential value to administrators, educational planners, parents, teachers, counselors and students. The survey questionnaire used in this study is included in the report. (SJL)

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INDIANA COLLEGE-LEVEL MANPOWER STUDY

Report Number Two

EDUCATIONAL PLANS AND CAREER CHOICES OF HIGH SCHOOL COLLEGE PREPARATORY SENIORS IN INDIANA

by

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Project Director

CG 010 294

October, 1975

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is supported by a grant from the
Lilly Endowment

Indiana Commission for Higher Education
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PART I

HIGHLIGHTS

Demographic Data

Approximately 35 percent of high school seniors in Indiana were in college preparatory programs, with this proportion nearly the same in each of the state's 14 planning and development regions. Higher percentages of college preparatory than non-college prep were from urban environments and were of the Caucasian race.

The head of the household of college-prep students was better educated and more frequently cited as being the father than among the non-college prep students. The occupation of the head of the household was more often one relating to high socioeconomic status such as the professional and managerial occupations in the college prep group.

The grade averages of the college prep respondents were much higher than those of the non-college prep. One quarter of the college prep reported A averages and four-fifths reported averages of B or above. Within the college prep group, the females had higher grades than did the males.

Educational Plans

Nearly two thirds of the college prep respondents planned to continue their formal education full-time within six months of their high school graduation. An additional 12.5 percent planned to attend school on a part time basis while working. Those who were delaying the continuation of their education were doing so, most frequently, in order to earn money or to take time to decide about their future. Only 2.7 percent indicated that they did not plan to continue their education at some time in the future.

Approximately 60 percent of the college prep respondents expected to pursue degrees at the bachelor's level or higher. The fields of study most frequently chosen by this group were health or medically related (8.7 percent), education (6.4 percent) and engineering (5.6 percent). The academic choices of males and females differed significantly, with high percentages of females selecting health-related areas and education while males most frequently chose engineering. Though females tended to fall most often into academic areas traditionally associated with women, there is indication that increasing numbers are recognizing alternative areas.

An additional 22 percent of the college prep respondents chose programs at the associate degree or certificate level. They most frequently were interested in fields related to health and medical support services (9.1 percent) and business and commerce technologies (5.9 percent).

It is noteworthy that more than 25 percent of the non-college prep seniors planned to continue their education. It should be further noted that more than ten percent of the non-college prep seniors chose programs at the bachelor's level, many of them in areas of study for which a high school college preparatory program would have best prepared them.

Of the college prep respondents expecting to attend a college or university, slightly more than one quarter planned to remain within commuting distance of their home while more than half planned to enroll elsewhere in Indiana and thirteen percent expected to leave the state, with the remainder undecided. Fifty-six percent of the seniors planned to attend a public college or university in Indiana and 15 percent planned on enrolling in an Indiana independent institution.

The opportunity to enroll in desired areas of study was most frequently indicated as the reason for the selection of a school for further education or training. Location near home and the reputation or prestige of the institution also appeared to be important factors to many seniors.

Nearly 60 percent of the college prep respondents were considering graduate or professional training beyond undergraduate studies. A higher proportion of males than females anticipated such training, but the difference was not great.

Occupation and Career Plans

The main occupation or career interests expressed by the college preparatory group most often fell into well-known professional areas. Thirty six percent of this group wanted to be either a teacher, engineer, registered nurse, physician, or lawyer. Of the twenty occupations most frequently chosen by the college prep seniors, nineteen are generally classified as being professional in nature.

It is laudable to have many high school seniors aspiring to highly challenging and rewarding professions. However, students should be advised that they may face extreme competition in gaining admission to certain programs, and there also exists the possibility that job opportunities in the chosen field will be limited owing to an overabundance of people qualified for job openings. A few examples arelisted to illustrate these problems.

Admission opportunities to programs in veterinary medicine are extremely limited. The only such program in Indiana has accommodated approximately 70 new students annually. It is, therefore, unrealistic to expect that all 280 college prep respondents who expressed the desire to pursue careers as veterinarians will even be admitted to a veterinary medicine academic program. (multiplied by the 1.6643 coefficient of expansion, it would be predicted that 466 college prep seniors statewide desired to become veterinarians.)

Physical education teacher was the occupation chosen by 403 respondents (multiplied by the coefficient of expansion, this equals 699), 232 of whom were female. The manpower projections of the Indiana Employment Security Division estimated that there would be only 506 such teachers statewide in 1980. Though recent legislation concerning the rights of females to equal athletic facilities and programs may lead to previously unanticipated growth in this area, it is unlikely that this growth will approach the capacity to absorb those who expressed interest in the field.

Another occupation which received a highly disproportionate number of responses compared to those actually employed in the field was that of psychologist. A total of 355 college preparatory respondents (multiplied by the coefficient of expansion equals 589) indicated interest in such a career. Though this is a rapidly expanding occupation, it is beginning from a small numerical base and the Employment Security Division projections estimate that there will be fewer than 700 psychologists in Indiana in 1980. This is not to say, however, that students should be discouraged from pursuing a college major in psychology. This field of study does not lead exclusively to a career as a psychologist, but relates to a number of other occupations which call for an understanding of people. Personnel and labor relations workers, for example, can benefit greatly from a background in psychology.

The non-college prep seniors differed widely from the college prep in their occupation and career choices, as they tended to select areas of lesser socioeconomic status. Only three of the twenty occupations most frequently chosen by this group were professional in nature.

Many of the seniors themselves appeared to recognize the transient nature these occupational choices might represent. Only about a quarter of the college prep group felt that their career plans were definite, and a slightly higher proportion indicated such plans as indefinite. Approximately three-quarters of the college prep seniors were prepared to change their career plans, with females appearing to be more certain of their future plans than males. Flexibility in career planning will greatly assist students in fulfilling their objective of a rewarding career.

The college prep respondents generally became interested in their chosen career fields while in high school with more than a quarter indicating the junior year as the time of first interest. However, actual decisions were made by 47 percent during the senior year of high school, and by an additional 27 percent during the junior year.

Job activities were the most important reasons given by the seniors for choosing an occupation or career. Females appeared to be more concerned about the people they would work with and serving society than were males. Males, on the other hand, were more influenced by money and the prestige of an occupation. In general, the college prep seniors were more concerned than non-college prep about service to society and less influenced by money.

Parents and relatives were indicated as being the most helpful person(s) in making career choices. This was true for both males and females and among both college prep and non-college prep seniors. Numerous other influences such as high school courses, friends, teachers, and work experience had also been of help to many students in this regard.

A far lower proportion of college prep than of non-college prep seniors anticipated pursuing careers in their home city or county. One quarter of this college prep group expected to pursue careers outside of Indiana, compared to 18 percent of the non-college prep respondents. A large percentage of the college prep respondents (43 percent) indicated no preference concerning the future location of their employment.

PART II

INTRODUCTION

The Indiana College-Level Manpower Study is being conducted by the Indiana Commission for Higher Education to provide manpower information of value to educational planning at the postsecondary level. Factors involving both manpower supply and demand are being investigated, and educational and occupational areas in which major supply/demand imbalances exist will be determined. This report is part of the College-Level Manpower Study and provides information concerning future college enrollments and manpower supply.

The data of this report deal with the educational and occupational plans of Indiana high school seniors who had pursued college preparatory programs at the secondary education level. The report's findings should be of value to a variety of audiences at both the secondary and postsecondary levels. High school teachers and counselors can gain a greater understanding of the plans and aspirations of the students with whom they deal. This understanding can enable them more successfully to provide information to students who seek help in developing their plans for the future. At the postsecondary level, college and university administrators and faculty can use the data to anticipate the academic interests of incoming students. Such information is of value in program planning and in the counseling of students.

Seniors in the public high schools of Indiana have been surveyed every three years since 1966 concerning their educational and career plans. The most recent survey was conducted in the spring of 1975 by Dr. J. P. Lisack of Purdue University and received a response rate including more than 85 percent of the schools and nearly 65 percent of Indiana's seniors. The data included in this report are taken from that questionnaire survey. (Questionnaire included in Appendix I.)

This report deals primarily with the 17,464 seniors who indicated on the Lisack questionnaire that their major area of high school study was college preparatory. For purposes of comparison the responses of seniors who indicated non-college preparatory major areas of study have been included.

The term "college preparatory" is somewhat nebulous in Indiana's high schools. It describes a general course of study pursued by a student which is intended to prepare him for further formal education beyond the secondary level, but formal statewide college preparatory standards do not exist. For the purposes of this report, college preparatory students were considered to be those who indicated that they had pursued such a program in high school and non-college preparatory students to be all other respondents.

The data of this report are meant to be informational; of potential value to administrators, planners, parents, teachers, counselors, and students. The report is not intended to be an in-depth analytical comparison of college preparatory with non-college preparatory students. For this reason, extensive narrative and interpretation have been held to a minimum.

PART III
DEMOGRAPHIC DATA

TABLE 1: MAJOR HIGH SCHOOL AREAS OF STUDY

Question 2: My major area of study (course concentration) is _____.*

Area of Study	Number (n)	Percent of Total
College Preparatory	17,464	35.2
Male**	(8,811)	
Female**	(8,589)	
Business Education	9,619	19.4
Vocational education	6,935	14.0
General education	9,281	18.7
Other	4,087	8.2
No response/unusable	2,277	4.6
Total	49,663	100.0

*Refers to questionnaire number (See Appendix I)
**64 college preparatory graduates did not indicate their sex.

Table 1 represents the major high school area of study of all respondents to the 1975 Indiana High School Senior Questionnaire. A total of 17,464 respondents, or 35.2 percent of all respondents, indicated that their major high school area of study was college preparatory. Of these, 50.6 percent were male and 49.4 percent were female.

The reader of this and subsequent tables may wish to extrapolate in order to determine totals for all Indiana high school seniors rather than consider only the data concerning questionnaire respondents. There were approximately 82,654 seniors in the state when the survey was conducted. A total of 49,663 responded to the questionnaire, resulting in a coefficient of expansion of 1.6643. The reader, then, should multiply n's of this report by 1.6643 to get an estimate of state totals. In doing so, the reader should be aware that he is assuming that the answers of nonrespondents and those not surveyed would be proportionately equal to those graduates who completed the questionnaire.

* * * * *

TABLE 2: RESPONDENTS BY INDIANA PLANNING AND DEVELOPMENT REGIONS*

Reg.	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
1	9,064	18.3	5,627	17.5	3,437	19.7	1,716	19.5	1,712	19.9
2	5,473	11.0	3,336	10.4	2,137	12.2	1,078	12.2	1,051	12.2
3	5,977	12.0	3,997	12.4	1,980	11.3	1,011	11.5	959	11.2
4	2,942	5.9	1,809	5.6	1,133	6.5	584	6.6	546	6.4
5	2,074	4.2	1,372	4.3	702	4.0	361	4.1	340	4.0
6	4,271	8.6	2,925	9.1	1,346	7.7	674	7.6	668	7.8
7	2,059	4.1	1,376	4.3	683	3.9	368	4.2	314	3.7
8	6,779	13.7	4,259	13.2	2,520	14.4	1,277	14.5	1,235	14.4
9	1,660	3.3	1,117	3.5	543	3.1	287	3.3	255	3.0
10	870	1.8	610	1.9	260	1.5	148	1.7	112	1.3
11	960	1.9	634	2.0	326	1.9	166	1.9	159	1.9
12	748	1.5	479	1.5	269	1.5	119	1.4	150	1.7
13	4,382	8.8	2,995	9.3	1,387	7.9	673	7.6	698	8.1
14	2,316	4.8	1,575	4.9	741	4.2	349	4.0	390	4.5
Tot.	49,635**	100.0	32,171	100.0	17,464***	100.0	8,811	100.0	8,589	100.0

*See Figure 1 on the following page.

**Region unidentifiable for 28 respondents

***The total for college preparatory respondents is not equal to the sum of college preparatory male and college preparatory female in this and in subsequent tables because of the 64 college preparatory respondents who did not indicate their sex.

Table 2 represents a breakdown of respondents by the fourteen state planning and development regions. The ratios of college prep to non-college prep respondents for each of the regions are approximately equal to the statewide ratio (0.544).

* * * * *

FIGURE 1: INDIANA PLANNING AND DEVELOPMENT REGIONS

TABLE 3: POPULATION OF HOME TOWN

Question 4: The population of the town or other place in which I live is _____.

Home Town Population	All Respondents		Non-College Preparatory		College Preparatory*					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Less than 1,000	8,267	16.6	5,886	18.3	2,381	13.6	1,163	13.2	1,206	14.0
1,000 to 5,000	7,471	15.0	5,145	16.0	2,326	13.3	1,147	13.0	1,172	13.6
5,000 to 25,000	13,101	26.4	8,243	25.6	4,858	27.8	2,478	28.1	2,365	27.5
25,000 to 50,000	6,157	12.4	3,770	11.7	2,387	13.7	1,234	14.0	1,145	13.3
50,000 or more	11,375	22.9	6,464	20.1	4,911	28.1	2,544	28.9	2,346	27.3
Unknown	2,186	4.4	1,876	5.8	310	1.8	144	1.6	165	1.9
No response	1,106	2.2	815	2.5	291	1.7	101	1.1	190	2.2
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,859	100

* For levels of significance of the differences between the responses of college prep males and college prep females in this and subsequent tables where the use of chi-square is appropriate, see Appendix II.

The college prep graduates tended to come from more urban environments than did the non-college prep. Whereas approximately one quarter of the college prep respondents were from communities of 5,000 or less, about one-third of the non college prep were from such communities.

* * * * *

TABLE 4: RACIAL CHARACTERISTICS OF RESPONDENTS

Question 15: I am _____.

Race	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Black	2,628	5.3	1,909	5.9	719	4.1	342	3.9	376	4.4
Caucasian (white)	43,277	87.1	27,466	85.4	15,811	90.5	7,949	90.2	7,810	90.9
Spanish-American	491	1.0	364	1.1	127	0.7	64	0.7	62	0.7
Other	629	1.3	419	1.3	210	1.2	111	1.3	97	1.1
No response	2,602	5.2	2,011	6.3	591	3.4	340	3.9	243	2.8
Total	49,627	100	32,169	100	17,458	100	8,806	100	8,588	100

A higher proportion of Caucasian respondents were in college preparatory programs than were the respondents of minority races.

* * * * *

TABLE 5: HEADS OF HOUSEHOLDS

Question 5: The head of my household is _____.

Head of Household	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Father	41,734	84.0	26,299	81.7	15,435	88.4	7,888	89.5	7,497	87.3
Mother	5,430	10.9	3,919	12.2	1,511	8.7	684	7.8	823	9.6
Other	1,893	3.8	1,558	4.8	335	1.9	145	1.6	185	2.2
No response	604	1.2	433	1.3	173	1.0	86	1.0	83	1.0
Total	49,663	100	32,209	100	17,454	100	8,803	100	8,588	100

Fathers were reported as the head of the household by more (88.4%) college prep respondents than by non-college prep (81.7%). The response "other" was indicated more frequently by non-college prep (4.8%) than by college prep (1.9%).

TABLE 6: HIGHEST EDUCATION LEVEL OF HEAD OF HOUSEHOLD

Question 7: The highest level of education of the head of my household is _____.

Educational Level	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Less than h.s. graduate	9,834	19.8	7,945	24.7	1,889	10.8	864	9.8	1,014	11.8
H. S. graduate	20,960	42.2	14,662	45.5	6,298	36.1	3,190	36.2	3,083	35.9
Some college no degree	7,609	15.3	4,259	13.2	3,350	19.2	1,706	19.4	1,635	19.0
Coll. or univ. grad.	9,171	18.5	3,636	11.3	5,535	31.7	2,830	32.1	2,688	31.3
Unknown	1,645	3.3	1,344	4.2	301	1.7	170	1.9	130	1.5
No response	433	0.9	346	1.1	87	0.5	48	0.5	38	0.4
Total	49,652	100	32,192	100	17,460	100	8,808	100	8,588	100

The highest education level of the head of the household appeared to have a strong relationship to the type of high school program pursued. Where 31.7 percent of the college prep respondents indicated that the head of their household was a college or university graduate, only 11.3 percent of the non-college prep responded that way. Also, where approximately one-tenth of the college prep respondents reported a head of household with less than a high school diploma, about one quarter of the non-college prep so responded.

* * * * *

TABLE 7: OCCUPATIONS OF RESPONDENTS' HEADS OF HOUSEHOLDS

Question 6: The occupation of the head of my household is _____.

Occupations and Careers	All Respondents n	All Respondents %	Non-College Prep. n	Non-College Prep. %	College Prep n	College Prep %
Agriculture Related Occupations	2,741	5.5	1,838	5.7	903	5.2
Agronomist or geneticist	27	0.1	16	0.0	11	0.1
Animal technician	16	0.0	13	0.0	3	0.0
Conservationist	42	0.1	23	0.1	19	0.1
Farmer	2,528	5.1	1,728	5.4	800	4.6
Forester	27	0.1	21	0.1	6	0.0
Horticulturist	45	0.1	26	0.1	19	0.1
Veterinarian	56	0.1	11	0.0	45	0.3
Engineers	2,796	5.6	1,494	4.6	1,302	7.5
Aeronautical or astronautical	77	0.2	26	0.1	51	0.3
Agricultural	110	0.2	71	0.2	39	0.2
Biomedical	8	0.0	5	0.0	3	0.0
Chemical	140	0.3	56	0.2	84	0.5
Civil	152	0.3	51	0.2	101	0.6
Construction	277	0.6	173	0.5	104	0.6
Electrical	546	1.1	268	0.8	278	1.6
Environmental	16	0.0	12	0.0	4	0.0
Industrial	433	0.9	235	0.7	198	1.1
Mechanical	718	1.4	426	1.3	292	1.7
Metallurgical	101	0.2	38	0.1	63	0.4
Mining or petroleum	45	0.1	30	0.1	15	0.1
Nuclear	22	0.0	16	0.0	6	0.0
Sanitary	72	0.1	48	0.1	24	0.1
Undecided	79	0.2	39	0.1	40	0.2
Health Related Occupations	1,540	3.1	793	2.5	747	4.3
Dental Occupations	137	0.3	50	0.2	87	0.5
Dental assistant	11	0.0	9	0.0	2	0.0
Dental hygienist	2	0.0	0	0.0	2	0.0
Dental lab technician	10	0.0	8	0.0	2	0.0
Dentist	114	0.2	33	0.1	81	0.5
Medical Practitioners	347	0.7	88	0.3	259	1.5
Chiropractor	18	0.0	10	0.0	8	0.0
Optometrist	37	0.1	12	0.0	25	0.1
Osteopath physician	9	0.0	4	0.0	5	0.0
Physician (general practice)	128	0.3	30	0.1	98	0.6
Physician (specialized practice)	144	0.3	27	0.1	117	0.7
Podiatrist	11	0.0	5	0.0	6	0.0
Medical Related Technicians & Assistants	194	0.4	136	0.4	58	0.3
Electrocardiograph technician	5	0.0	5	0.0	0	0.0
Electroencephalograph technicians	4	0.0	2	0.0	2	0.0
Hospital ward clerk	6	0.0	6	0.0	0	0.0
Hospital worker (not elsewhere listed)	49	0.1	41	0.1	8	0.0
Medical artist	4	0.0	4	0.0	0	0.0
Medical assistant	18	0.0	13	0.0	5	0.0
Medical lab tech or assistant	25	0.1	11	0.0	14	0.1
Medical record tech, or clerk	7	0.0	4	0.0	3	0.0
Medical secretary	13	0.0	6	0.0	7	0.0
Mental health technician	8	0.0	7	0.0	1	0.0
Operating room technician	13	0.0	9	0.0	4	0.0
Optometric assistant	3	0.0	2	0.0	1	0.0
Physician's assistant	6	0.0	4	0.0	2	0.0
Radiologic technician	11	0.0	5	0.0	6	0.0
Other medical tech or assistant	22	0.0	17	0.1	5	0.0

(cont.)

TABLE 7: (continued)

Occupations and Careers	All Respondents n	All Respondents %	Non-College Prep n	Non-College Prep %	College Prep n	College Prep %
Nursing Occupations	393	0.8	269	0.8	124	0.7
Registered nurse	157	0.3	95	0.3	62	0.4
Licensed practical nurse	69	0.1	47	0.1	22	0.1
Nurse aide, orderly, or attendant	167	0.3	127	0.4	40	0.2
Therapy and Rehabilitation	37	0.1	21	0.1	16	0.1
Occupational therapist	7	0.0	4	0.0	3	0.0
Occupational therapy assistant	3	0.0	1	0.0	2	0.0
Physical therapist	11	0.0	7	0.0	4	0.0
Respiratory therapist	10	0.0	7	0.0	3	0.0
Speech pathologist or clinician	6	0.0	2	0.0	4	0.0
Other Medical & Health Related	432	0.9	229	0.7	203	1.2
Bio-med engineering tech	2	0.0	1	0.0	1	0.0
Dietitian	28	0.1	16	0.0	12	0.1
Hosp. administrator or manager	53	0.1	23	0.1	30	0.2
Industrial hygienist	3	0.0	3	0.0	0	0.0
Medical records administrator	4	0.0	2	0.0	2	0.0
Pharmacist	124	0.2	39	0.2	85	0.5
Sanitarian	139	0.3	102	0.3	37	0.2
Other med. or health related not listed	79	0.2	43	0.1	36	0.2
Teachers	1,367	2.8	449	1.4	918	5.3
Pre-school or kindergarten	18	0.0	15	0.0	3	0.0
Elementary	251	0.5	96	0.3	155	0.9
Special education	46	0.1	24	0.1	22	0.1
High School or Junior High	638	1.3	224	0.7	414	2.4
Agriculture	13	0.0	1	0.0	12	0.1
Art	18	0.0	6	0.0	12	0.1
Business and office	50	0.1	23	0.1	27	0.2
Communications	2	0.0	0	0.0	2	0.0
Distributive education	3	0.0	2	0.0	1	0.0
English	50	0.1	10	0.0	40	0.2
Health	7	0.0	5	0.0	2	0.8
Home economics	10	0.0	2	0.0	8	0.0
Industrial arts	40	0.1	15	0.0	25	0.1
Languages	11	0.0	3	0.0	8	0.0
Library science	6	0.0	3	0.0	3	0.0
Life sciences	38	0.1	15	0.0	23	0.1
Mathematics	80	0.2	23	0.1	57	0.3
Music	48	0.1	20	0.1	28	0.2
Physical ed & coaching	60	0.1	19	0.1	41	0.2
Physical sciences	18	0.0	7	0.0	11	0.1
Voc. trade and industrial, or technical ed	45	0.1	23	0.1	22	0.1
Social sciences	90	0.2	29	0.1	61	0.3
Other subject areas	49	0.1	18	0.1	31	0.2
College or University Teaching	304	0.6	58	0.2	246	1.4
Guidance Counselor/Student Advisor	110	0.2	32	0.1	78	0.4
Technicians	1,241	2.5	773	2.4	468	2.7
Architectural technician	11	0.0	8	0.0	3	0.0
Aviation electronics technician	10	0.0	7	0.0	3	0.0
Aviation maintenance, airframe or power-plant mechanic	45	0.1	34	0.1	11	0.1
Biological technician	14	0.0	8	0.0	6	0.0
Chemical technician	73	0.1	43	0.1	30	0.2
Civil engineering technician	12	0.0	7	0.0	5	0.0

(cont.)

TABLE 7 (continued)

Occupations and Careers	All Respondents n	All Respondents %	Non-College Prep n	Non-College Prep %	College Prep n	College Prep %
Construction technician or apprentice	112	0.3	103	0.3	9	0.1
Draftsman	282	0.6	157	0.5	125	0.7
Electrical or electronics technician	327	0.7	185	0.6	142	0.8
Environmental & pollution control	8	0.0	6	0.0	2	0.0
Geo-science technician	3	0.0	1	0.0	2	0.0
Industrial technician	111	0.2	59	0.2	52	0.3
Mechanical technician	96	0.2	70	0.2	26	0.1
Physics technician	11	0.0	8	0.0	3	0.0
Other technical type technicians, not listed	126	0.3	77	0.2	49	0.3
Other Occupations						
Accountant or auditor	684	1.4	326	1.0	358	2.0
Actor, actress, dancer, entertainer	15	0.0	11	0.0	4	0.0
Advertising agent	148	0.3	77	0.2	71	0.4
Airline hostess or steward(ess)	15	0.0	11	0.0	4	0.0
Announcer or broadcaster	13	0.0	6	0.0	7	0.0
Architect	78	0.2	33	0.1	45	0.3
Artist or sculptor	33	0.1	18	0.1	15	0.1
Athlete or sports official	15	0.0	9	0.0	6	0.0
Attendant-service station	47	0.1	36	0.1	11	0.1
Author, journalist, or reporter	58	0.1	21	0.1	37	0.2
Auto mechanic or repairman	620	1.2	479	1.5	141	0.8
Barber	107	0.2	65	0.2	42	0.2
Bartender	156	0.3	111	0.3	45	0.3
Beautician/cosmetologist	113	0.2	74	0.2	39	0.2
Biologist	15	0.0	9	0.0	6	0.0
Bookkeeper	140	0.3	89	0.3	51	0.3
Brick and stone mason	255	0.5	173	0.5	82	0.5
Building contractor	332	0.7	199	0.6	133	0.8
Buyer or purchasing agent	166	0.3	83	0.3	83	0.5
Cabinet maker	73	0.1	55	0.2	18	0.1
Carpenter or apprentice	928	1.9	691	2.1	237	1.4
Cashier (retail store & banks)	204	0.4	135	0.4	69	0.4
Cement mason or worker	121	0.2	98	0.3	23	0.1
Chemist	100	0.2	39	0.1	61	0.3
Clergyman	405	0.8	178	0.6	227	1.3
Clerk	608	1.2	388	1.2	220	1.3
Commercial artist	36	0.1	23	0.1	13	0.1
Computer analyst	45	0.1	14	0.0	31	0.2
Computer keypunch or data typist	46	0.1	35	0.1	11	0.1
Computer operations manager	97	0.2	54	0.2	43	0.2
Computer programmer	115	0.2	68	0.2	47	0.3
Computer or related equipment operator	70	0.1	41	0.1	29	0.2
Construction machinery operator	1,036	2.1	822	2.6	214	1.2
Cook or chef	256	0.5	213	0.7	43	0.2
Diesel mechanic	227	0.5	170	0.5	57	0.3
Dressmaker or seamstress	39	0.1	27	0.1	12	0.1
Driver (bus or taxi)	103	0.2	79	0.2	24	0.1
Driver (truck or routeman)	1,654	3.3	1,275	4.0	379	2.2
Economist	15	0.0	5	0.0	10	0.1
Embalmer or undertaker	89	0.2	42	0.1	47	0.3
Electrician or apprentice	781	1.6	522	1.6	259	1.5

(cont.)

TABLE 7: (continued)

Occupations and Careers	All Preparatory n	All Preparatory %	Non-College Prep. n	Non-College Prep. %	College Prep n	College Prep %
Electronics repairman	136	0.3	98	0.3	38	0.2
Factory, assembly, or production worker	6,762	13.6	5,230	16.2	1,532	8.8
Fireman	248	0.5	170	0.5	78	0.4
Foreman or supervisor	2,593	5.2	1,703	5.3	890	5.1
Geo-scientist, geologist, geophysicist	9	0.0	4	0.0	5	0.0
Historian	5	0.0	4	0.0	1	0.0
Home economist	9	0.0	4	0.0	5	0.0
Housewife	567	1.1	424	1.3	143	0.8
Interior decorator or designer	40	0.1	21	0.1	19	0.1
Land surveyor	16	0.0	11	0.0	5	0.0
Lawyer or judge	223	0.4	55	0.2	168	1.0
Librarian	24	0.0	8	0.0	16	0.1
Librarian assistant or aide	11	0.0	4	0.0	7	0.0
Lineman or serviceman	186	0.4	127	0.4	59	0.3
Machinery maintenance	545	1.1	378	1.2	167	1.0
Machinist/machine shop related	697	1.4	484	1.5	213	1.2
Maid or housekeeper	75	0.2	59	0.2	16	0.1
Mail carrier	263	0.5	160	0.5	103	0.6
Manager/cafeteria or restaurant	190	0.4	134	0.4	56	0.3
Manager/hotel, motel or apartment	38	0.1	20	0.1	18	0.1
Manager or supervisor/industrial	745	1.5	384	1.2	361	2.1
Manager/office	414	0.8	181	0.6	233	1.3
Manager/retail or wholesale operations	718	1.4	357	1.1	361	2.1
Manager/other, not listed	1,054	2.1	582	1.8	472	2.7
Mathematician or statistician	12	0.0	5	0.0	7	0.0
Meatcutter or butcher	301	0.6	232	0.7	69	0.4
Military/enlisted	102	0.2	60	0.2	42	0.2
Military/CO	78	0.2	44	0.1	34	0.2
Mining or petroleum equipment operator	72	0.1	52	0.2	20	0.1
Musician	26	0.1	18	0.1	8	0.0
Oceanographer	6	0.0	3	0.0	3	0.0
Office machine operator	30	0.1	25	0.1	5	0.0
Office machine repairman	9	0.0	6	0.0	3	0.0
Painter or paper hanger	123	0.2	91	0.3	32	0.2
Photographer or related	62	0.1	32	0.1	30	0.2
Physicist	14	0.0	2	0.0	12	0.1
Pilot/commercial	33	0.1	18	0.1	15	0.1
Plumber, pipe fitter & apprentice	419	0.8	310	1.0	109	0.6
Police or security officer	476	1.0	316	1.0	160	0.9
Printer, pressman, related & apprentices	338	0.7	214	0.7	124	0.7
Psychologist	16	0.0	5	0.0	11	0.1
Public official or politician	34	0.1	18	0.1	16	0.1
Salesman/bonds, stocks, securities	44	0.1	18	0.1	26	0.1
Salesman/insurance	494	1.0	227	0.7	267	1.5
Salesman/manufacturers' products	995	2.0	491	1.5	504	2.9
Salesman/real estate and broker	245	0.5	103	0.3	142	0.8
Sales workers	98	0.2	66	0.2	32	0.2
Salesman or salesworkers, not listed	694	1.4	404	1.3	290	1.7
Secretary or stenographer	518	1.0	319	1.0	199	1.1
Sheet metal worker or apprentice	495	1.0	372	1.2	123	0.7
Social scientist	5	0.0	4	0.0	1	0.0

(cont.)

TABLE 7: (continued)

Occupations or Careers	All Respondents n	All Respondents %	Non-College Prep n	Non-College Prep %	College Prep n	College Prep %
Social service or welfare aide	33	0.1	22	0.1	11	0.1
Social worker	66	0.1	49	0.2	17	0.1
Tailor	21	0.0	13	0.0	8	0.0
Tool or die maker	508	1.0	334	1.0	174	1.0
Typist	19	0.0	15	0.0	4	0.0
Waitress or waiter	126	0.3	101	0.3	25	0.1
Water or sanitary works operator	51	0.1	32	0.1	19	0.1
Welder, flame cutter	417	0.8	326	1.0	91	0.5
Other professional occupation, not listed	1,236	2.5	570	1.8	666	3.8
Other service occupation, not listed	1,317	2.7	895	2.8	422	2.4
Other skilled worker occupation, not listed	1,523	3.1	1,034	3.2	489	2.8
No response, unusable response	3,161	6.4	2,493	7.7	668	3.8

The data of Table 7 clearly indicate the occupations of heads of households of college prep seniors differ greatly from those of non-college prep seniors. Far higher proportions of heads of households in occupations of professional and managerial natures had children in college prep programs than non-college prep. On the other hand, parents' occupations generally attributed lower status or prestige were more closely associated with seniors in non-college preparatory programs.

* * * * *

TABLE 8: HIGH SCHOOL GRADE AVERAGES

Question 3: My high school grade average is closest to _____.

Average Grade	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
A	5,637	11.4	1,274	4.0	4,363	25.0	1,832	10.8	2,514	29.3
B	21,357	43.0	11,625	36.1	9,732	55.7	4,857	55.1	4,845	56.4
C	18,820	37.9	15,917	49.4	2,903	16.6	1,866	21.2	1,024	11.9
D	1,190	2.4	1,147	3.6	43	0.2	37	0.4	4	0.0
Unknown	1,730	3.5	1,527	4.7	203	1.2	107	1.2	95	1.1
No response	929	1.9	709	2.2	220	1.3	112	1.3	107	1.2
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,589	100

The reported average grades of the college prep graduates were significantly higher than those of the non-college prep. One quarter of the college prep graduates reported an average grade of A and over 80 percent reported average grades of B or higher, whereas only 40 percent of the non-college prep seniors reported B or higher averages. It should also be noted that the females of the college prep cohort reported significantly higher grade averages than did the males.

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PART IV
EDUCATION PLANS

TABLE 9: PLANS FOR SIX MONTHS AFTER GRADUATION

Question 16: Within six months after I graduate, I plan to _____.

Activity	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Work full-time/ no educ. planned	9,401	18.9	9,021	28.0	389	2.2	214	2.4	170	2.0
Work full-time/ then education	7,189	14.5	5,444	16.9	1,745	10.0	953	10.8	785	9.1
Continue educ. full-time	15,214	30.6	3,985	12.4	11,229	64.3	5,560	63.1	5,629	65.5
School part-time/ work part-time	6,596	13.3	4,415	13.7	2,181	12.5	1,030	11.7	1,145	13.3
Military	2,158	4.3	1,842	5.7	316	1.8	239	2.7	77	0.9
Marry/no further education	1,684	3.4	1,602	5.0	82	0.5	26	0.3	55	0.6
Marry/then further education	1,008	2.0	810	2.5	198	1.1	44	0.5	154	1.8
Don't know	3,478	7.0	2,793	8.7	685	3.9	408	4.6	275	3.2
Other	1,725	3.5	1,310	4.1	415	2.4	205	2.3	208	2.4
No response	1,210	2.4	986	3.1	224	1.3	132	1.5	91	1.1
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,589	100

The plans of the college prep seniors for six months after graduation differed greatly from those of the non-college prep. Full-time employment, marriage, and the military were far more common plans among the non-college prep cohort. Nearly two-thirds of the college prep respondents planned to continue their educations full-time. More non-college prep than college prep respondents indicated that they did not know what their plans were. Within the college prep cohort, the plans of males and females did not differ to a great degree.

* * * * *

TABLE 10: REASONS FOR NOT ENROLLING IN EDUCATION PROGRAM
(within 6 months)

Question 17: I do not plan to enroll in an educational program after graduation because _____.

Reason	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Plan to look for job	3,576	7.2	3,459	10.7	117	0.7	65	0.7	51	0.6
Job already arranged	2,532	5.1	2,445	7.6	87	0.5	65	0.7	20	0.2
Plan to get married	1,851	3.7	1,759	5.5	92	0.5	22	0.2	69	0.8
Not interested	1,992	4.0	1,909	5.9	83	0.5	41	0.5	42	0.5
Entering military	1,040	2.1	967	3.0	73	0.4	50	0.6	23	0.3
Undecided	2,140	4.3	1,946	6.0	194	1.1	102	1.2	91	1.1
Low grades	426	0.9	410	1.3	16	0.1	15	0.2	1	0.0
No local school desired	74	0.1	70	0.2	4	0.0	3	0.0	1	0.0
Insufficient funds	740	1.5	658	2.0	90	0.5	62	0.7	28	0.3
No response	35,284	71.0	18,576	57.7	16,708	95.7	8,386	95.2	8,263	96.2
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,589	100

Many of the non-college prep respondents indicated that they would not be enrolling in an education program within six months of graduation because they would be working or seeking employment. Sizable numbers expressed that they were either undecided or disinterested regarding further education while many indicated that marriage was a reason for not enrolling. Among the college prep group, many respondents expected to be employed but a large proportion of non-enrollees indicated that they were still undecided concerning their plans for the future.

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TABLE 11: REASONS FOR PLANS TO DELAY CONTINUATION OF EDUCATION

Question 18: I plan to delay continuing my education to some later date because _____.

Reason	All Resp.	Non-Coll. Prep	College Preparatory		
			Total	Male	Female
Want to earn money	3,207	2,603	604	362	241
Want work experience	1,169	1,033	136	77	57
Want time to decide	2,972	2,457	515	285	228
Want to enter military	789	638	151	118	33
Want to marry	596	514	82	14	67
Other	455	350	105	45	60
Total	9,188	7,595	1,593	901	686

Among the college seniors expressing plans to delay the continuation of their formal educations the desire to earn money or the desire for more time for decisions were most often expressed as reasons for this delay. This was true of both college prep and non-college prep respondents.

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TABLE 12: EDUCATIONAL CHOICES OF RESPONDENTS: BACHELOR'S DEGREE OR HIGHER
Question 21: Indicate your program choice (see list C of questionnaire)

Field of Study	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Agriculture	515	1.1	92	0.3	423	2.4	326	3.7	96	1.1
Architecture	402	0.8	127	0.4	275	1.6	237	2.7	37	0.4
Biological & Life Sciences	636	1.3	72	0.2	564	3.2	353	4.0	209	2.4
Business or Commerce	1,239	2.5	645	2.0	594	3.4	417	4.7	174	2.0
Education	1,477	3.0	358	1.1	1,119	6.4	222	2.5	896	10.4
Engineering	1,186	2.4	215	0.7	971	5.6	878	10.0	84	1.0
English, Literature or Journalism	508	1.0	103	0.3	405	2.3	146	1.7	256	3.0
Fine and Applied Arts	741	1.5	220	0.7	521	3.0	186	2.1	334	3.9
Foreign Languages	220	0.4	30	0.1	190	1.1	38	0.4	152	1.8
Health or Medical Related	1,818	3.7	302	0.9	1,516	8.7	600	6.8	916	10.7
Home Economics	314	0.6	101	0.3	213	1.2	5	0.1	208	2.4
Law	853	1.7	158	0.5	695	4.0	477	5.4	215	2.5
Library Science	41	0.1	8	0.0	33	0.2	11	0.1	22	0.3
Management or Supervision	380	0.8	185	0.6	195	1.1	150	1.7	45	0.5
Mathematics or Computer Science	437	0.9	62	0.2	375	2.1	214	2.4	160	1.9
Physical Sciences	261	0.5	32	0.1	229	1.3	180	2.0	49	0.6
Philosophy or Theology	124	0.2	38	0.1	86	0.5	62	0.7	24	0.3
Physical Ed. or Recreation	561	1.1	215	0.7	346	2.0	151	1.7	195	2.3
Psychology	526	1.1	102	0.3	424	2.4	146	1.7	276	3.2
Public Affairs and Services	206	0.4	82	0.3	124	0.7	47	0.5	77	0.9
Social Sciences	450	0.9	97	0.3	353	2.0	133	1.5	219	2.5
Technology	271	0.5	170	0.5	101	0.6	85	1.0	15	0.2
Interdisciplinary & Area Studies	28	0.1	8	0.0	20	0.1	9	0.1	10	0.1
Other Academic Fields (not listed)	824	1.7	310	1.0	514	2.9	304	3.5	209	2.4
Subtotal (Bach. or higher)	14,018	28.3	3,732	11.6	10,286	58.9	5,377	61.0	4,878	56.8
Tot. (inc. those w/no further ed. plans)	49,663	100.0	32,199	100.0	17,464	100.0	8,811	100.0	8,589	100.0

As might be expected, a far higher percentage of college prep seniors indicated interest in pursuing degrees at the bachelor's level or higher than of non-college prep seniors. However, more than ten percent of the non-college prep group expressed interest in programs at this level, many of them in study areas for which the college prep program would have better prepared them.

The most frequently chosen areas of study by the college prep group were health or medical related, education, and engineering. The academic choices of males and females differed significantly with high percentages of females selecting health related areas and education while males most frequently chose engineering.

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TABLE 13: EDUCATIONAL CHOICES OF RESPONDENTS: ASSOCIATE DEGREE OR CERTIFICATE PROGRAM

Question 11: Indicate your program choice.

Field of Study	All Respondents		Non-College Prep		College Preparatory		College Prep Male		College Prep Female	
	n	%	n	%	n	%	n	%	n	%
Business and Commerce	3,104	6.3	2,075	6.4	1,029	5.9	575	6.5	446	5.2
Accounting technology	804	1.6	510	1.6	294	1.7	178	2.0	116	1.4
Agricultural business tech.	36	0.1	27	0.1	9	0.1	9	0.1	0	0.0
Audio-visual communications tech.	47	0.1	15	0.0	32	0.2	28	0.3	3	0.0
Banking and finance	61	0.1	28	0.1	33	0.2	26	0.3	6	0.1
Business management	422	0.8	247	0.8	175	1.0	123	1.4	50	0.6
Commercial art/industrial illustration	230	0.5	125	0.4	105	0.6	39	0.4	65	0.8
Commercial & industrial photography	43	0.1	24	0.1	19	0.1	14	0.2	5	0.1
Communications or broadcasting	148	0.3	46	0.1	102	0.6	65	0.7	35	0.4
Court and conference reporting	17	0.0	15	0.0	2	0.0	0	0.0	2	0.0
Hotel or restaurant management	45	0.1	31	0.1	14	0.1	9	0.1	4	0.0
Industrial management	59	0.1	29	0.1	30	0.2	21	0.2	9	0.1
Legal assistant	36	0.1	26	0.1	10	0.1	6	0.1	4	0.0
Marketing, distribution, purchasing	161	0.3	87	0.3	74	0.4	31	0.4	43	0.5
Medical transcription	20	0.0	14	0.0	6	0.0	5	0.1	1	0.0
Printing, lithography, graphic arts	58	0.1	49	0.2	9	0.1	6	0.1	3	0.0
Secretarial	826	1.7	736	2.3	90	0.5	0	0.0	90	1.0
Supervision	10	0.0	6	0.0	4	0.0	2	0.0	2	0.0
Other business or commerce	81	0.2	60	0.2	21	0.1	13	0.1	8	0.1
Data Processing and Computers	509	1.0	318	1.0	191	1.1	110	1.2	81	0.9
Computer programming	253	0.5	144	0.4	109	0.6	58	0.7	51	0.6
Computer tech/data processing	165	0.3	92	0.3	73	0.4	52	0.6	21	0.2
Keypunch/data typist & verifier	91	0.2	82	0.3	9	0.1	0	0.0	9	0.1
Health and Medical Support Services	2,631	5.3	1,035	3.2	1,596	9.1	250	2.8	1,341	15.6
Bio-medical electronics tech.	11	0.0	1	0.0	10	0.1	8	0.1	2	0.0
Care center activities specialist	15	0.0	11	0.0	4	0.0	0	0.0	4	0.0
Child care tech.	63	0.1	40	0.1	23	0.1	4	0.0	19	0.2
Dental support	353	0.7	157	0.5	196	1.1	42	0.5	154	1.8
Dietary assistant	14	0.0	8	0.0	6	0.0	0	0.0	5	0.1
Emergency care tech.	29	0.1	14	0.0	15	0.1	10	0.1	5	0.1
Medical support	739	1.5	332	1.0	407	2.3	65	0.7	339	3.9
Nursing (RN, LPN, aides)	1,033	2.1	357	1.1	676	3.9	8	0.1	668	7.8
Veterinary med., animal tech.	203	0.4	56	0.2	147	0.8	64	0.7	82	1.0
Other health service & related	171	0.3	59	0.2	112	0.6	49	0.6	63	0.7

TABLE 13: (continued)

Field of Study	All Respondents		Non-College Prep		College Preparatory		College Prep Male		College Prep Female	
	n	%	n	%	n	%	n	%	n	%
Mechanical Engineering and Science Support Technologies	1,841	3.7	1,300	4.0	541	3.1	491	5.6	47	0.5
Aeronautical & aviation tech	152	0.3	69	0.2	83	0.5	74	0.8	9	0.1
Agricultural equipment tech	16	0.0	11	0.0	5	0.0	5	0.1	0	0.0
Appliance repair	11	0.0	9	0.0	2	0.0	2	0.0	0	0.0
Architectural drafting/design tech	89	0.2	55	0.2	34	0.2	25	0.3	9	0.1
Automotive & diesel tech	434	0.9	405	1.3	29	0.2	28	0.3	0	0.0
Chem., physical, geo-science tech.	71	0.1	8	0.0	63	0.4	51	0.6	10	0.1
Civil engineering tech.	37	0.1	14	0.0	23	0.1	21	0.2	2	0.0
Construction & building tech.	113	0.2	84	0.3	79	0.2	29	0.3	0	0.0
Drafting	97	0.2	58	0.2	39	0.2	38	0.4	1	0.0
Electrical or electronics tech	347	0.7	222	0.7	125	0.7	119	1.4	6	0.1
Heating, air conditioning, refrig.	57	0.1	52	0.2	5	0.0	5	0.1	0	0.0
Industrial tech.	34	0.1	17	0.1	17	0.1	13	0.1	4	0.0
Mechanical tech.	157	0.3	110	0.3	47	0.3	45	0.5	2	0.0
Precision instrumentation & inspection	9	0.0	9	0.0	0	0.0	0	0.0	0	0.0
Radio, TV or appliance repair	36	0.1	27	0.1	9	0.1	9	0.1	0	0.0
Welding tech.	95	0.2	90	0.3	5	0.0	5	0.1	0	0.0
Other mech., eng., or science support	86	0.2	60	0.2	26	0.1	22	0.2	4	0.0
Public Service Related	500	1.0	225	0.7	275	1.6	158	1.8	116	1.4
Criminal justice/law enforcement	267	0.5	127	0.4	140	0.8	100	1.1	39	0.5
Education support tech.	28	0.1	12	0.0	16	0.1	6	0.1	10	0.1
Environmental & pollution control tech.	31	0.1	9	0.0	22	0.1	20	0.2	2	0.0
Fire science (applied)	9	0.0	1	0.0	8	0.0	8	0.1	0	0.0
Ground water specialist	2	0.0	1	0.0	1	0.0	1	0.0	0	0.0
Social service tech.	89	0.2	33	0.1	56	0.3	4	0.0	52	0.6
Other public service	74	0.1	42	0.1	32	0.3	19	0.2	13	0.2
Miscellaneous	565	1.1	345	1.1	220	1.3	71	0.8	148	1.7
Food sales, service, or management	25	0.1	20	0.1	5	0.0	3	0.0	2	0.0
Horticulture tech.	32	0.1	19	0.1	13	0.1	5	0.1	8	0.1
Fluid power tech	3	0.0	2	0.0	1	0.0	0	0.0	1	0.0
Industrial safety & health	1	0.0	0	0.0	1	0.0	0	0.0	1	0.0
Industrial security	4	0.0	3	0.0	1	0.0	0	0.0	1	0.0
Interior design or decorating	147	0.3	73	0.2	74	0.4	1	0.0	73	0.8
Library resource aide	13	0.0	7	0.0	6	0.0	1	0.0	5	0.1
Mining or petroleum tech.	6	0.0	1	0.0	5	0.0	5	0.1	0	0.0
Mortuary science tech.	32	0.1	15	0.0	17	0.1	11	0.1	6	0.1
Plastics tech.	2	0.0	2	0.0	0	0.0	0	0.0	0	0.0
Other	300	0.6	203	0.6	97	0.6	45	0.5	51	0.6
Subtotal (Associate or certificate)	9,150	18.4	5,298	16.5	3,852	22.1	1,655	18.8	2,179	25.4
Total (Inc. those w/no further ed. plans)	49,663	100.0	32,199	100.0	17,464	100.0	8,811	100.0	8,589	100.0

A higher proportion of college prep seniors indicated interest in pursuing postsecondary education at the associate or certificate level than of non-college prep. The college prep respondents most frequently chose study fields related to health and medical support services (9.1 percent) and business and commerce (5.9 percent).

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TABLE 14: LOCATION OF SCHOOL OF INTENDED ENROLLMENT

Question 25: The school in which I plan to enroll is located _____.

Location	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
In my city or county	5,045	19.6	2,413	22.4	2,632	17.6	1,129	15.1	1,496	20.1
Within 25 miles (but outside city or county	3,050	11.9	1,598	14.9	1,452	9.7	687	9.2	759	10.2
Elsewhere in Indiana	11,783	45.8	3,910	36.3	7,873	52.6	3,965	53.2	3,889	52.1
Outside of Indiana	3,563	13.9	1,560	14.5	2,003	13.4	1,039	13.9	953	12.8
Undecided	2,280	8.9	1,276	11,9	1,004	6.7	635	8.5	362	4.8
Total	25,721	100	10,757	100	14,964	100	7,455	100	7,459	100

The data of Table 14 indicate that among those planning to continue their education, college prep seniors have more of a tendency to leave their home city or county for postsecondary education than the non-college prep seniors. Within the college prep group, males indicated more desire to leave their home city or county than did females, but also more of a tendency toward indecision about their place of intended enrollment.

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TABLE 15: COLLEGES AND UNIVERSITIES RESPONDENTS PLANNED TO ATTEND: INDIANA PUBLIC

Question 19: If you plan to attend a college or university, write in your choice. (see list B of questionnaire)

Institution	All Respondents		Non-College Preparatory		College Preparatory		College Prep. Male		College Prep. Female	
	n	%	n	%	n	%	n	%	n	%
Ball State University	2,201	4.4	777	2.4	1,424	8.2	605	6.9	815	9.5
Indiana State University	1,536	3.1	620	1.9	916	5.3	397	4.6	515	6.0
Terre Haute	1,132	2.3	428	1.3	704	4.0	307	3.5	396	4.6
Evansville	295	0.6	129	0.4	166	1.0	67	0.8	96	1.1
Undecided	109	0.2	63	0.2	46	0.3	23	0.3	23	0.3
Indiana University	5,357	10.8	1,780	5.5	3,577	20.5	1,656	18.8	1,911	22.2
Bloomington	3,032	6.1	768	2.4	2,264	13.0	1,115	12.7	1,142	13.3
Richmond	64	0.1	24	0.1	40	0.2	17	0.2	23	0.3
Fort Wayne	484	1.0	241	0.7	243	1.4	113	1.3	129	1.5
Indianapolis	509	1.0	193	0.6	316	1.8	127	1.4	188	2.2
Kokomo	125	0.3	61	0.2	64	0.4	16	0.2	48	0.6
Gary	344	0.7	148	0.5	196	1.1	70	0.8	126	1.5
South Bend	341	0.7	137	0.4	204	1.2	78	0.9	125	1.5
New Albany	287	0.6	107	0.3	180	1.0	80	0.9	100	1.2
Undecided	171	0.3	101	0.3	70	0.4	40	0.5	30	0.3
Vincennes University	725	1.4	438	1.4	287	1.5	170	1.9	116	1.3
Vincennes	600	1.2	347	1.1	253	1.4	151	1.7	102	1.2
Jasper	21	0.0	13	0.0	8	0.0	3	0.0	4	0.0
Undecided	104	0.2	78	0.2	26	0.1	16	0.2	10	0.1
Purdue University	4,376	8.8	984	3.1	3,392	19.4	1,923	21.8	1,461	17.0
West Lafayette	3,058	6.2	516	1.6	2,542	14.6	1,461	16.6	1,078	12.6
Hammond	556	1.1	164	0.5	392	2.2	194	2.2	197	2.3
Fort Wayne	307	0.6	109	0.3	198	1.1	106	1.2	89	1.0
Indianapolis	161	0.3	66	0.2	95	0.5	63	0.7	31	0.4
Westville	95	0.2	42	0.1	53	0.3	25	0.3	28	0.3
Richmond	11	0.0	5	0.0	6	0.0	4	0.0	2	0.0
Kokomo	17	0.0	12	0.0	5	0.0	3	0.0	2	0.0
New Albany	24	0.0	11	0.0	13	0.1	12	0.1	1	0.0
Vincennes	16	0.0	11	0.0	5	0.0	3	0.0	2	0.0
Undecided	131	0.3	48	0.1	83	0.5	52	0.6	31	0.4

TABLE 15: (continued)

Institution	All Respondents		Non-College Prep.		College Preparatory		College Prep. Male		College Prep. Female	
	n	%	n	%	n	%	n	%	n	%
Indiana Vocational Technical College (IVTC)	2,247	2.5	1,037	3.2	210	1.2	93	1.1	117	1.4
Region 1: Hammond, Gary, Michigan City	100	0.2	80	0.2	20	0.1	6	0.1	14	0.2
Region 2: Elkhart, Mishawaka South Bend	81	0.2	69	0.2	12	0.1	2	0.0	10	0.1
Region 3: Fort Wayne Huntington	116	0.2	99	0.3	17	0.1	9	0.1	8	0.1
Region 4: Crawfordsville, Lafayette	102	0.2	76	0.2	26	0.1	8	0.1	18	0.2
Region 5: Kokomo, Peru, Logansport, Wabash	62	0.1	53	0.2	9	0.1	4	0.0	5	0.1
Region 6: Anderson, Marion, Muncie	47	0.1	42	0.1	5	0.0	3	0.0	2	0.0
Region 7: Terre Haute	118	0.2	102	0.3	16	0.1	8	0.1	8	0.1
Region 8: Indianapolis	228	0.5	192	0.6	36	0.2	21	0.2	15	0.2
Region 9: Connersville, New Castle, Richmond	40	0.1	32	0.1	8	0.0	2	0.0	6	0.1
Region 10: Bedford, Bloomington Columbus, Greensburg	61	0.1	37	0.1	24	0.1	10	0.1	14	0.2
Region 11: Aurora, Madison North Vernon	17	0.0	16	0.0	1	0.0	1	0.0	0	0.0
Region 12: Evansville, Jasper, Vincennes, Washington	76	0.2	65	0.2	11	0.1	4	0.0	7	0.1
Region 13: Jeffersonville, New Albany	53	0.1	48	0.1	5	0.0	2	0.0	3	0.0
Campus undecided	146	0.3	126	0.4	20	0.1	13	0.1	7	0.1
(All Public Institutions)	15,442	31.1	5,636	17.5	9,806	56.1	4,844	55.0	4,935	57.5

Fifty-six percent of the college prep respondents planned to attend a public college or university in Indiana compared to only 17.5 percent of the non-college prep. Approximately equal proportions of males and females of the college prep cohort indicated this intent though their choices of institutions differed. Higher proportions of males than females preferred Purdue University and Vincennes University, while females proportionately more often than males chose Ball State University, Indiana State University, and Indiana University.

TABLE 16: COLLEGES AND UNIVERSITIES RESPONDENTS PLANNED TO ATTEND: INDIANA INDEPENDENT

Question 19: If you plan to attend a college or university in Indiana, write in your choice. (see list B of questionnaire)

Institution	All Respondents		Non-College Preparatory		College Preparatory		College Prep. Male		College Prep. Female	
	n	%	n	%	n	%	n	%	n	%
Anderson College	111	0.2	41	0.1	70	0.4	26	0.3	44	0.5
Bethel College	42	0.1	12	0.0	30	0.2	12	0.1	18	0.2
Butler University	200	0.4	37	0.1	163	0.9	68	0.8	95	1.1
Christian Theological Seminary	6	0.0	2	0.0	4	0.0	3	0.0	1	0.0
Concordia Senior College	2	0.0	1	0.0	1	0.0	1	0.0	0	0.0
De Pauw University	179	0.4	28	0.1	151	0.9	72	0.8	79	0.9
Earlham College	50	0.1	7	0.0	43	0.2	25	0.3	18	0.2
Evansville, University of	392	0.8	72	0.2	320	1.8	148	1.7	171	2.0
Fort Wayne Bible College	35	0.1	11	0.0	24	0.1	5	0.1	19	0.2
Fort Wayne Art Institute	20	0.0	15	0.0	5	0.0	0	0.0	5	0.1
Franklin College	116	0.2	27	0.1	89	0.5	47	0.5	41	0.5
Goshen College	56	0.1	13	0.0	43	0.2	12	0.1	31	0.4
Grace Theological College & Seminary	35	0.1	12	0.0	23	0.1	9	0.1	14	0.2
Hanover College	97	0.2	16	0.0	81	0.5	37	0.4	44	0.5
Holy Cross Junior College	26	0.1	12	0.0	14	0.1	4	0.0	10	0.1
Huntington College	68	0.1	37	0.1	31	0.2	10	0.1	21	0.2
Indiana Central University	246	0.5	82	0.3	164	0.9	58	0.7	106	1.2
Indiana College of Business & Tech.	197	0.4	169	0.5	28	0.2	8	0.1	20	0.2
Indiana Institute of Technology	47	0.1	36	0.1	11	0.1	8	0.1	3	0.0
Manchester College	175	0.4	38	0.1	137	0.8	67	0.8	69	0.8
Marian College	69	0.1	13	0.0	56	0.3	21	0.2	35	0.4
Marion College	51	0.1	20	0.0	31	0.2	12	0.1	19	0.2
Northwood Institute	32	0.1	19	0.1	13	0.1	4	0.0	9	0.1
Notre Dame, University of	247	0.5	44	0.1	203	1.2	146	1.7	57	0.7
Oakland City College	97	0.2	81	0.3	16	0.1	4	0.0	10	0.1
Rose-Hulman Institute of Tech.	162	0.3	14	0.0	148	0.8	145	1.6	1	0.0
St. Francis College	57	0.1	16	0.0	41	0.2	9	0.1	32	0.4
St. Joseph's College	81	0.2	28	0.1	53	0.3	32	0.4	21	0.2
St. Joseph's Calumet College	76	0.2	42	0.1	34	0.2	18	0.0	16	0.2
St. Mary-of-the-Woods College	28	0.1	7	0.0	21	0.1	3	0.0	18	0.2
St. Mary's College	48	0.1	5	0.0	43	0.2	3	0.0	40	0.5
St. Meinrad College	13	0.0	3	0.0	10	0.1	9	0.1	1	0.0

TABLE 16: (continued)

Institution	All Respondents		Non-College Preparatory		College Preparatory		College Prep. Male		College Prep. Female	
	n	%	n	%	n	%	n	%	n	%
Taylor University	116	0.2	24	0.1	92	0.5	33	0.4	59	0.7
Tri-State College	114	0.2	48	0.1	66	0.4	51	0.6	14	0.2
Valparaiso Technical Institute	28	0.1	21	0.1	7	0.0	7	0.1	0	0.0
Valparaiso University	179	0.4	41	0.1	138	0.8	65	0.7	73	0.8
Wabash College	130	0.3	13	0.0	117	0.7	115	1.3	1	0.0
Other Indiana Independent	399	0.8	282	0.9	117	0.7	27	0.3	90	1.0
Total (Independent)	4,027	8.1	1,389	4.3	2,638	15.1	1,324	15.0	1,305	15.2
Total (Public & Independent)	19,469	39.2	7,026	21.8	12,444	71.3	6,168	70.0	6,240	72.7

Table 16 represents the responses of seniors who planned to attend an independent college or university in Indiana. Fifteen percent of the college prep group so indicated, with the proportions of males and females nearly equal. Only 4.3 percent of the non-college prep seniors planned to attend one of these institutions.

The total of college prep respondents planning to attend an Indiana college or university was more than 70 percent. However, among the non-college prep the response rate was 21.8 percent, leaving an overall percentage of respondents planning to attend an Indiana institution at 39.2 percent.

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TABLE 17: OTHER INSTITUTIONS TO BE ATTENDED

Question 20: If you plan to attend an institution other than those indicated on List B, check your choice of the following...

Institution or Program	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Non-Indiana college or university	3,466	7.0	1,064	3.3	2,402	13.8	1,314	14.9	1,075	12.5
Indiana business school	1,095	2.2	954	3.0	141	0.8	85	1.0	54	0.6
Non-Indiana business school	331	0.7	280	0.9	51	0.3	27	0.3	24	0.3
Indiana vocational school	1,484	3.0	1,288	4.0	196	1.1	83	0.9	112	1.3
Non-Indiana vocational school	546	1.1	457	1.4	89	0.5	45	0.5	43	0.5
Trade/apprentice program	586	1.2	526	1.6	60	0.3	44	0.5	15	0.2
Other	920	1.9	584	1.8	336	1.9	144	1.6	192	2.2
Other institutions	8,428	17.0	5,153	16.0	3,275	18.8	1,742	19.8	1,515	17.6

Seventeen percent of all questionnaire respondents indicated plans to attend a postsecondary institution not generally included with the public or independent colleges and universities of Indiana. Most of the non-college prep respondents planned to attend business or vocational schools while the college prep respondents showed greatest interest in non-Indiana colleges and universities.

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TABLE 18: MOST IMPORTANT REASON FOR SELECTING SCHOOL FOR VOCATIONAL OR PROFESSIONAL TRAINING

Question 24: My most important reason for selecting a school for vocational or professional training is based upon _____.

Reason	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Location near home	4,460	17.9	2,308	22.3	2,152	14.9	1,045	14.5	1,098	15.1
Friends or classmates attending	647	2.6	322	3.1	325	2.2	173	2.4	151	2.1
Amount of tuition	1,821	7.3	693	6.7	1,128	7.8	515	7.2	608	8.4
Size of school	1,162	4.7	407	3.9	755	5.2	381	5.3	373	5.1
Offers desired courses	11,999	48.3	4,875	47.0	7,124	49.2	3,463	48.2	3,636	50.2
Counselor or teacher suggestion	437	1.8	246	2.4	191	1.3	118	1.6	72	1.0
Preference of parent or relative	761	3.1	295	2.8	466	3.2	191	2.7	273	3.8
Reputation or prestige	1,827	7.4	483	4.7	1,344	9.3	744	10.8	567	7.8
Other	1,740	7.0	739	7.1	1,001	6.9	527	7.3	471	6.5
Total	24,854	100	10,368	100	14,486	100	7,187	100	7,249	100

Courses or programs offered appeared to be the most important reason of high school seniors in choosing schools for further education. A location near their homes was the most important factor for many students, particularly for the graduates of non-college prep programs. The reputation or prestige of the institution was mentioned as the major factor for noticeably more college prep than non-college prep seniors.

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TABLE 19: SECOND MOST IMPORTANT REASON FOR SELECTING SCHOOL FOR VOCATIONAL OR PROFESSIONAL TRAINING

Question 24: My second most important reason for selecting a school for vocational or professional training is based upon _____.

Reason	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Location near home	4,160	17.2	1,925	19.2	2,235	15.8	1,047	14.9	1,180	16.6
Friends or classmates attending	1,856	7.7	851	8.5	1,005	7.1	539	7.7	464	6.5
Amount of tuition	3,136	12.9	1,187	11.8	1,949	13.7	960	13.6	982	13.8
Size of school	2,319	9.6	784	7.8	1,535	10.8	682	9.7	848	11.9
Offers desired courses	3,696	15.3	1,560	15.5	2,136	15.1	1,068	15.2	1,060	14.9
Counselor or teacher suggestion	1,330	5.5	667	6.6	663	4.7	344	4.9	318	4.5
Preference of parent or relative	1,635	6.7	640	6.4	995	7.0	413	5.9	580	8.2
Reputation or prestige	3,363	13.9	1,072	10.7	2,291	16.1	1,265	18.0	1,020	14.4
Other	2,732	11.3	1,352	13.5	1,380	9.7	722	10.3	648	9.1
Total	24,227	100	10,038	100	14,189	100	7,040	100	7,100	100

The responses indicating the second most important reasons of the seniors for choosing a school for further education were widely distributed. Location near home was most often expressed by the non-college prep seniors, while the college prep group chose the reputation or prestige of the school, location near home, its course offerings, and its tuition with almost equal frequencies.

* * * * *

TABLE 20: PLANS FOR FINANCING EDUCATION

Question 26: I plan to finance my education through _____.

Plans	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Personal savings	8,003	16.1	2,644	8.2	5,359	30.7	2,699	30.6	2,648	30.8
Parents or family support	14,047	28.3	4,519	14.0	9,528	54.6	4,327	49.1	5,171	60.2
Loan from educational institution	2,549	5.1	769	2.4	1,780	10.2	861	9.8	915	10.7
Loan from bank or other	2,185	4.4	842	2.6	1,343	7.7	657	7.5	682	7.9
Part-time employment during summer	6,353	12.8	1,800	5.6	4,553	26.1	2,269	25.8	2,270	26.4
Scholarships or grants	8,654	17.4	2,272	7.1	6,382	36.5	3,086	35.1	3,263	38.0
Unknown	2,225	4.5	1,182	3.7	1,043	6.0	589	6.7	448	5.2
Other	1,108	2.2	546	1.7	562	3.2	296	3.4	263	3.1

The most frequently expected source of funds for postsecondary education was the parents or family of the respondents. However, many also indicated thay they planned to use scholarship or grant money, personal savings, and/or summer employment earnings in financing their educations. Loans did not appear to be a particularly popular source of funds for educational purposes.

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TABLE 21: ANTICIPATED GRADUATE OR PROFESSIONAL TRAINING

Question 23: If you plan to attend college, are you considering any graduate or professional training after you complete your undergraduate college work?

Further Training Considered	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Yes	14,732	29.7	4,558	14.2	10,174	58.3	5,325	60.4	4,818	56.1
No	8,837	17.8	4,696	14.6	4,141	23.7	1,853	21.0	2,274	26.5
No response	26,078	52.5	22,935	71.3	3,143	18.0	1,629	18.5	1,495	17.4
Total	49,647	100	32,189	100	17,458	100	8,807	100	8,857	100

Nearly 60 percent of the college prep respondents were considering graduate or professional training upon the completion of undergraduate studies. Within this group, males anticipated such training more frequently than females, but the differences were not great.

* * * * *

PART V

OCCUPATION AND CAREER PLANS

TABLE 22: MAIN OCCUPATION OR CAREER CHOICE OF RESPONDENTS

Question 8: My main occupation or career choice after I complete my education is _____. (see list A of questionnaire)

Occupations and Careers	All Respondents		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Agriculture Related Occupations	2,543	5.1	1,582	4.9	961	5.5	648	7.4	311	3.6
Agronomist or geneticist	31	0.1	13	0.0	18	0.1	15	0.2	3	0.0
Animal technician	202	0.4	134	0.4	68	0.4	9	0.1	59	0.7
Conservationist	339	0.7	187	0.6	152	0.9	118	1.3	33	0.4
Farmer	995	2.0	829	2.6	166	1.0	154	1.7	12	0.1
Forester	456	0.9	231	0.7	225	1.3	170	1.9	54	0.6
Horticulturist	153	0.3	101	0.3	52	0.3	26	0.3	26	0.3
Veterinarian	367	0.7	87	0.3	280	1.6	156	1.8	124	1.4
Engineers	2,165	4.4	801	2.5	1,364	7.8	1,236	14.0	120	1.4
Aeronautical or astronautical	120	0.2	31	0.1	89	0.5	86	1.0	3	0.0
Agricultural	104	0.2	52	0.2	52	0.3	46	0.5	6	0.1
Biomedical	32	0.1	4	0.0	28	0.2	21	0.2	7	0.1
Chemical	138	0.3	30	0.1	108	0.6	100	1.1	7	0.1
Civil	174	0.4	39	0.1	135	0.8	124	1.4	9	0.1
Construction	114	0.2	87	0.3	27	0.2	26	0.3	1	0.0
Electrical	439	0.9	149	0.5	290	1.7	280	3.2	8	0.1
Environmental	39	0.1	16	0.0	23	0.1	18	0.2	5	0.1
Industrial	87	0.2	28	0.1	59	0.3	48	0.5	11	0.1
Mechanical	421	0.8	227	0.7	194	1.1	187	2.1	5	0.1
Metallurgical	26	0.1	12	0.0	14	0.1	14	0.2	0	0.0
Mining or petroleum	23	0.0	9	0.0	14	0.1	12	0.1	2	0.0
Nuclear	66	0.1	24	0.1	42	0.2	36	0.4	6	0.1
Sanitary	23	0.0	19	0.1	4	0.0	4	0.0	0	0.0
Undecided	359	0.7	74	0.2	285	1.6	234	2.7	50	0.6
Health Related Occupations	6,488	13.1	2,763	8.6	3,725	21.3	1,076	12.2	2,644	30.8
Dental Occupations	852	1.7	428	1.3	424	2.4	187	2.1	237	2.8
Dental assistant	389	0.8	308	1.0	81	0.5	1	0.0	80	0.9
Dental hygienist	214	0.4	74	0.2	140	0.8	4	0.0	136	1.6
Dental lab technician	32	0.1	22	0.1	10	0.1	3	0.0	7	0.1
Dentist	217	0.4	24	0.1	193	1.1	179	2.0	14	0.2
Medical Practitioners	893	1.8	80	0.2	813	4.7	556	6.3	256	3.0
Chiropractor	17	0.0	4	0.0	13	0.1	10	0.1	3	0.0
Optometrist	66	0.1	4	0.0	62	0.4	45	0.5	17	0.2
Osteopath physician	2	0.0	1	0.0	1	0.0	0	0.0	1	0.0
Physician (general practice)	354	0.7	29	0.1	325	1.9	241	2.7	84	1.0

TABLE 22 (continued)

Occupations and Careers	All Resp.		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Physician (specialized practice)	449	0.9	37	0.1	412	2.4	260	3.0	151	1.8
Podiatrist	5	0.0	5	0.0	0	0.0	0	0.0	0	0.0
Medical Related Technicians & Assistants	1,258	2.5	752	2.3	506	2.9	88	1.0	415	4.8
Electrocardiograph technician	6	0.0	4	0.0	2	0.0	0	0.0	2	0.0
Electroencephalograph technicians	6	0.0	3	0.0	3	0.0	2	0.0	1	0.0
Hospital ward clerk	17	0.0	17	0.1	0	0.0	0	0.0	0	0.0
Hospital worker (not elsewhere listed)	45	0.1	42	0.1	3	0.0	0	0.0	3	0.0
Medical artist	13	0.0	7	0.0	6	0.0	1	0.0	5	0.1
Medical assistant	216	0.4	163	0.5	53	0.3	2	0.0	51	0.6
Medical lab tech or ass't	282	0.6	92	0.3	190	1.1	31	0.4	159	1.9
Medical record tech or clerk	36	0.1	22	0.1	14	0.1	0	0.0	14	0.2
Medical secretary	120	0.2	106	0.3	14	0.1	1	0.0	13	0.2
Mental health technician	28	0.1	20	0.1	8	0.0	2	0.0	6	0.1
Operating room technician	75	0.2	49	0.2	26	0.1	8	0.1	17	0.2
Optometric assistant	18	0.1	14	0.0	4	0.0	0	0.0	4	0.0
Physician's assistant	35	0.1	18	0.1	17	0.1	7	0.1	9	0.1
Radiologic technician	276	0.6	149	0.5	127	0.7	23	0.3	103	1.2
Other medical tech or ass't	85	0.2	46	0.1	39	0.2	11	0.1	28	0.3
Nursing Occupations	2,179	4.4	1,040	3.2	1,139	6.5	15	0.2	1,124	13.0
Registered nurse	1,430	2.9	410	1.3	1,020	5.8	12	0.1	1,008	11.7
Licensed practical nurse	479	1.0	387	1.2	92	0.5	2	0.0	90	1.0
Nurse aide, orderly, or attendant	270	0.5	243	0.8	27	0.2	1	0.0	26	0.3
Therapy and Rehabilitation	654	1.3	260	0.8	394	2.3	44	0.5	350	4.1
Occupational therapist	87	0.2	35	0.1	52	0.3	2	0.0	50	0.6
Occupational therapy ass't	35	0.1	29	0.1	6	0.0	0	0.0	6	0.1
Physical therapist	366	0.7	135	0.4	231	1.3	33	0.4	198	2.3
Respiratory therapist	56	0.1	29	0.1	27	0.2	7	0.1	20	0.2
Speech pathologist or clinician	110	0.2	32	0.0	78	0.4	2	0.0	76	0.9
Other Medical & Health Related	652	1.3	203	0.6	449	2.6	186	2.1	262	3.1
Bio-med engineering tech	14	0.0	6	0.0	8	0.0	7	0.1	1	0.0
Dietitian	93	0.2	45	0.1	48	0.3	2	0.0	45	0.5
Hosp. administrator or mgr.	12	0.0	4	0.0	8	0.0	4	0.0	4	0.0
Industrial hygienist	7	0.0	5	0.0	2	0.0	1	0.0	1	0.0
Medical records admin.	13	0.0	9	0.0	4	0.0	0	0.0	4	0.0
Pharmacist	332	0.7	46	0.1	286	1.6	144	1.6	142	1.7

(cont.)

TABLE 22: (continued)

Occupations and Careers	All Resp.		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Sanitarian	24	0.0	21	0.1	3	0.0	3	0.0	0	0.0
Other med. or health related not listed	157	0.3	67	0.2	90	0.5	25	0.3	65	0.8
Teachers	3,737	7.5	1,328	4.1	2,418	13.8	658	7.5	1,748	20.4
Pre-school or kindergarten	248	0.5	136	0.4	112	0.6	1	0.0	111	1.3
Elementary	663	1.3	169	0.5	494	2.8	50	0.6	444	5.2
Special education	489	1.0	177	0.5	312	1.8	21	0.3	290	3.4
High School or Junior High	2,218	4.5	819	2.5	1,399	8.0	548	6.2	849	9.9
Agriculture	18	0.0	10	0.0	8	0.0	8	0.1	0	0.0
Art	182	0.4	89	0.3	93	0.5	16	0.2	77	0.9
Business and office	99	0.2	79	0.2	20	0.1	7	0.1	13	0.2
Communications	33	0.1	7	0.0	26	0.1	14	0.2	12	0.1
Distributive educ.	7	0.0	6	0.0	1	0.0	0	0.0	1	0.0
English	129	0.3	30	0.1	99	0.6	26	0.3	73	0.8
Health	9	0.0	2	0.0	7	0.0	2	0.0	5	0.1
Home economics	86	0.2	33	0.1	53	0.3	1	0.0	52	0.6
Industrial arts	49	0.1	31	0.1	18	0.1	17	0.0	1	0.0
Languages	122	0.2	29	0.1	93	0.5	19	0.2	74	0.9
Library science	9	0.0	2	0.0	7	0.0	0	0.0	7	0.1
Life sciences	35	0.1	10	0.0	25	0.1	14	0.2	11	0.1
Mathematics	116	0.2	16	0.0	100	0.6	44	0.5	55	0.6
Music	333	0.7	104	0.3	229	1.3	90	1.0	139	1.6
Physical ed & coaching	692	1.4	289	0.9	403	2.3	171	1.9	232	2.7
Physical sciences	25	0.1	4	0.0	21	0.1	15	0.2	6	0.1
Voc. trade and industrial, or technical ed.	29	0.1	22	0.1	7	0.0	7	0.1	0	0.0
Social sciences	197	0.4	37	0.1	160	0.9	85	1.0	74	0.9
Other subject areas	48	0.1	19	0.1	29	0.2	12	0.1	17	0.2
College or University Teaching	65	0.1	12	0.0	53	0.3	30	0.3	23	0.3
Guidance Counselor/Student Advisor	54	0.1	15	0.0	39	0.2	8	0.1	31	0.4
Technicians	1,420	2.9	1,059	3.3	369	2.1	324	3.7	43	0.5
Architectural technician	70	0.1	48	0.1	22	0.1	20	0.2	2	0.0
Aviation electronics tech	31	0.1	19	0.1	12	0.1	11	0.1	1	0.0
Aviation maintenance, airframe or power-plant mechanic	129	0.3	102	0.3	27	0.2	27	0.3	0	0.0
Biological tech	21	0.0	8	0.0	13	0.1	9	0.1	4	0.0

TABLE 22: (continued)

Occupations and Careers	All Resp.		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Chemical tech	14	0.0	2	0.0	12	0.1	7	0.1	5	0.1
Civil engineering tech	14	0.0	8	0.0	6	0.0	6	0.1	0	0.0
Construction tech or apprentice	130	0.3	124	0.4	14	0.0	14	0.2	0	0.0
Draftsman	339	0.7	273	0.8	66	0.4	63	0.7	3	0.0
Electrical or electronics tech.	416	0.8	298	0.9	118	0.7	117	1.3	1	0.0
Environmental & pollution control	24	0.0	12	0.0	12	0.1	9	0.1	3	0.0
Geo-science tech.	8	0.0	2	0.0	6	0.0	5	0.1	1	0.0
Industrial tech.	40	0.1	30	0.1	10	0.1	8	0.1	2	0.0
Mechanical tech.	91	0.2	76	0.2	15	0.1	14	0.2	1	0.0
Physics tech.	14	0.0	6	0.0	8	0.0	5	0.1	3	0.0
Other technical type technicians, not listed	79	0.2	51	0.2	28	0.2	9	0.1	17	0.2
Other Occupations										
Accountant or auditor	1,860	3.7	1,098	3.4	762	4.4	485	5.5	275	3.2
Actor, actress, dancer, entertainer	371	0.7	224	0.7	147	0.8	59	0.7	88	1.0
Advertising agent	137	0.3	80	0.2	57	0.3	28	0.3	29	0.3
Airline hostess or steward(ess)	551	1.1	440	1.4	111	0.6	2	0.0	109	1.3
Announcer or broadcaster	240	0.5	119	0.4	121	0.7	85	1.0	34	0.4
Architect	516	1.0	219	0.7	297	1.7	255	2.9	41	0.5
Artist or sculptor	502	1.0	333	1.0	169	1.0	51	0.6	117	1.4
Athlete or sports official	210	0.4	128	0.4	82	0.5	75	0.9	7	0.1
Attendant-service station	23	0.0	21	0.1	2	0.0	1	0.0	0	0.0
Author, journalist, or reporter	575	1.2	183	0.6	392	2.2	162	1.8	228	2.7
Auto mechanic or repairman	1,335	2.7	1,281	4.0	54	0.3	48	0.5	3	0.0
Barber	27	0.1	24	0.1	3	0.0	2	0.0	1	0.0
Bartender	97	0.2	73	0.2	24	0.1	19	0.2	4	0.0
Beautician/cosmetologist	670	1.3	640	2.0	30	0.2	1	0.0	29	0.3
Biologist	168	0.3	23	0.1	145	0.8	81	0.9	63	0.7
Bookkeeper	353	0.7	321	1.0	32	0.2	11	0.1	21	0.2
Brick and stone mason	100	0.2	93	0.3	7	0.0	7	0.1	0	0.0
Building contractor	92	0.2	77	0.2	15	0.1	15	0.2	0	0.0
Buyer or purchasing agent	106	0.2	57	0.2	49	0.3	5	0.1	43	0.5
Cabinet maker	31	0.1	28	0.1	3	0.0	2	0.0	1	0.0
Carpenter or apprentice	365	0.7	338	1.0	27	0.2	16	0.2	0	0.0
Cashier (retail store & banks)	557	1.1	531	1.6	26	0.1	4	0.0	22	0.3

(cont.)

TABLE 22: (continued)

Occupations and Careers	All Resp.		Non College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Cement mason or worker	32	0.1	30	0.1	2	0.0	2	0.0	0	0.0
Chemist	112	0.2	14	0.0	98	0.6	78	0.9	20	0.2
Clergyman	222	0.4	102	0.3	120	0.7	107	1.2	12	0.1
Clerk	450	0.9	423	1.3	27	0.2	8	0.1	19	0.2
Commercial artist	312	0.6	193	0.6	119	0.7	47	0.5	71	0.8
Computer analyst	139	0.3	22	0.1	117	0.7	71	0.8	46	0.5
Computer keypunch or data typist	316	0.6	298	0.9	18	0.1	1	0.0	17	0.2
Computer operations manager	94	0.2	51	0.2	43	0.2	30	0.3	13	0.2
Computer programmer	477	1.0	285	0.9	192	1.1	105	1.2	87	1.0
Computer or related eqpt operator	127	0.3	93	0.3	34	0.2	21	0.2	12	0.1
Construction machinery operator	512	1.0	479	1.5	33	0.2	33	0.4	0	0.0
Cook or chef	152	0.3	139	0.4	13	0.1	6	0.1	7	0.1
Diesel mechanic	294	0.6	280	0.9	14	0.1	13	0.1	1	0.0
Dressmaker or seamstress	112	0.2	94	0.3	18	0.1	1	0.0	17	0.2
Driver (bus or taxi)	31	0.1	23	0.1	8	0.0	6	0.1	1	0.0
Driver (truck or routeman)	464	0.9	446	1.4	18	0.1	15	0.2	2	0.0
Economist	44	0.1	13	0.0	31	0.2	22	0.2	9	0.1
Embalmer or undertaker	81	0.2	54	0.2	27	0.2	19	0.2	7	0.1
Electrician or apprentice	231	0.5	185	0.6	46	0.2	45	0.5	1	0.0
Electronics repairman	170	0.3	150	0.5	20	0.1	19	0.2	1	0.0
Factory, assembly, or production worker	926	1.9	880	2.7	46	0.3	36	0.4	10	0.1
Fireman	61	0.1	49	0.2	12	0.1	12	0.1	0	0.0
Foreman or supervisor	89	0.2	71	0.2	18	0.1	16	0.2	2	0.0
Geo-scientist, geologist, geophysicist	44	0.1	13	0.0	31	0.2	22	0.2	9	0.1
Historian	39	0.1	10	0.0	29	0.2	16	0.2	12	0.1
Home economist	133	0.3	66	0.2	67	0.4	1	0.0	66	0.8
Housewife	1,078	2.2	1,006	3.1	71	0.4	0	0.0	71	0.8
Interior decorator or designer	384	0.8	231	0.7	153	0.9	0	0.0	153	1.8
Land surveyor	19	0.0	10	0.0	9	0.1	7	0.1	2	0.0
Lawyer or judge	906	1.8	157	0.5	749	4.3	506	5.7	240	2.8
Librarian	42	0.1	16	0.0	26	0.1	2	0.0	24	0.3
Librarian assistant or aide	14	0.0	10	0.0	4	0.0	2	0.0	2	0.0
Lineman or serviceman	50	0.1	47	0.1	3	0.0	3	0.0	0	0.0
Machinery maintenance	57	0.1	55	0.2	2	0.0	1	0.0	1	0.0
Machinist/machine shop related	224	0.5	215	0.7	9	0.1	9	0.1	0	0.0

TABLE 22: (continued)

Occupations and Careers	All Resp.		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Maid or housekeeper	28	0.1	26	0.1	2	0.0	2	0.0	0	0.0
Mail carrier	38	0.1	35	0.1	3	0.0	2	0.0	1	0.0
Manager/cafeteria or restaurant	158	0.3	133	0.4	25	0.1	20	0.2	5	0.1
Mgr/hotel, motel, or apartment	80	0.2	57	0.2	23	0.1	16	0.2	7	0.1
Mgr or supervisor/industrial	118	0.2	55	0.2	63	0.4	51	0.6	12	0.1
Mgr/office	131	0.3	73	0.2	58	0.3	46	0.5	12	0.1
Mgr/retail or wholesale operations	372	0.7	259	0.8	113	0.6	89	1.0	24	0.3
Mgr/other, not listed	259	0.5	180	0.6	79	0.5	58	0.7	19	0.2
Mathematician or statistician	99	0.2	10	0.0	89	0.5	50	0.6	39	0.5
Meatcutter or butcher	179	0.4	167	0.5	12	0.1	10	0.1	1	0.0
Military/enlisted	433	0.9	393	1.2	40	0.2	24	0.3	16	0.2
Military/CO	188	0.4	93	0.3	95	0.5	92	1.0	3	0.0
Mining or petroleum eqpt. operator	24	0.0	19	0.1	5	0.0	5	0.1	0	0.0
Musician	466	0.9	256	0.8	210	1.2	127	1.4	82	1.0
Oceanographer	93	0.2	32	0.1	61	0.3	53	0.6	8	0.1
Office machine operator	59	0.1	57	0.2	2	0.0	1	0.0	1	0.0
Office machine repairman	6	0.0	5	0.0	1	0.0	0	0.0	1	0.0
Painter or paper hanger	33	0.1	25	0.1	8	0.0	5	0.1	3	0.0
Photographer or related	242	0.5	168	0.5	74	0.4	48	0.5	26	0.3
Physicist	46	0.1	5	0.0	41	0.2	38	0.4	3	0.0
Pilot/commercial	183	0.4	83	0.3	100	0.6	91	1.0	8	0.1
Plumber, pipe fitter & apprentice	151	0.3	126	0.4	25	0.1	22	0.2	3	0.0
Police or security officer	838	1.7	584	1.8	254	1.5	195	2.2	59	0.7
Printer, pressman, related & apprentices	222	0.5	210	0.7	12	0.1	10	0.1	2	0.0
Psychologist	453	0.9	98	0.3	355	2.0	125	1.4	228	2.7
Public official or politician	50	0.1	17	0.1	33	0.2	18	0.2	15	0.2
Salesman/bonds, stocks, securities	24	0.0	15	0.0	9	0.1	8	0.1	1	0.0
Salesman/insurance	46	0.1	29	0.1	17	0.1	17	0.2	0	0.0
Salesman/manufacturers' products	113	0.2	78	0.2	35	0.2	34	0.4	1	0.0
Salesman/real estate and broker	74	0.1	46	0.1	28	0.2	25	0.3	3	0.0
Sales workers	115	0.2	102	0.3	13	0.1	7	0.1	6	0.1
Salesman or salesworkers, not listed	133	0.3	110	0.3	23	0.1	19	0.2	3	0.0
Secretary or stenographer	3,134	6.3	2,978	9.2	156	0.9	0	0.0	156	1.8
Sheet metal worker or apprentice	220	0.5	210	0.7	10	0.1	10	0.1	0	0.0
Social scientist	34	0.1	5	0.0	29	0.2	17	0.2	12	0.1

(cont.)

TABLE 22: (continued)

Occupations and Careers	All Resp.		Non-College Prep		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Social service or welfare aide	111	0.2	66	0.2	45	0.3	5	0.1	40	0.5
Social worker	585	1.2	293	0.9	292	1.7	46	0.5	245	2.9
Tailor	26	0.1	22	0.1	4	0.0	1	0.0	3	0.0
Tool or die maker	172	0.3	156	0.5	16	0.1	15	0.2	1	0.0
Typist	122	0.2	114	0.4	8	0.0	1	0.0	8	0.1
Waitress or waiter	150	0.3	145	0.5	5	0.0	0	0.0	5	0.0
Water or sanitary works operator	4	0.0	3	0.0	1	0.0	0	0.0	0	0.0
Welder, flame cutter	335	0.7	322	1.0	13	0.1	11	0.1	2	0.0
Other professional occupation, not listed	894	1.8	444	1.4	450	2.6	240	2.7	204	2.4
Other service occupation, not listed	371	0.7	287	0.9	84	0.5	37	0.4	47	0.5
Other skilled worker occupation, not listed	495	1.0	439	1.4	56	0.4	42	0.5	14	0.2
No response/unusable response	3,503	7.1	2,727	8.5	776	4.5	429	4.8	344	4.0

TABLE 23: TWENTY MOST FREQUENTLY CHOSEN OCCUPATIONS OR CAREERS

Question 8: My main occupation or career choice after I complete my education is _.

Rank	All Respondents Occupation	n	%	Non-College Preparatory Occupation	n	%	College Prep. Total Occupation	n	%	College Prep Male Occupation	n	%	College Prep Female Occupation	n	%
1	Secretary or Stenog.	3,134	6.3%	Secretary or Stenog.	2,978	9.2%	Registered Nurse	1,020	5.8%	Lawyer or Judge	506	5.7%	Registered Nurse	1,008	11.7%
2	Accountant or Auditor	1,860	3.7	Auto Mech. or Repair	1,281	4.0	Accountant or Auditor	762	4.4	Accountant or Auditor	485	5.5	Elem. School Teacher	444	5.2
3	Registered Nurse	1,430	2.9	Accountant or Auditor	1,098	3.4	Lawyer or Judge	749	4.3	Electrical Engineer	280	3.2	Special Ed. Teacher	290	3.4
4	Auto Mech. or Repair	1,335	2.7	Housewife	1,006	3.1	Elem. School Teacher	494	2.8	Physician (Specialized)	260	3.0	Accountant or Auditor	275	3.2
5	Housewife	1,078	2.2	Production Worker	880	2.7	Physician (Specialized)	412	2.4	Architect	255	2.9	Social Worker	245	2.9
6	Farmer	995	2.0	Farmer	829	2.6	Physical Ed. Teacher	403	2.3	Physician (General)	241	2.7	Lawyer or Judge	240	2.8
7	Production Worker	926	1.9	Beautician, Cosmetology	640	2.0	Author, Journalist	392	2.2	Engineer (Undecided Spec	234	2.7	Physical Ed. Teacher	232	2.7
8	Lawyer or Judge	906	1.8	Police, Sec'ty Officer	584	1.8	Psychologist	355	2.0	Police, Sec'ty Officer	193	2.2	Author, Journalist	228	2.7
9	Police, Sec'ty Officer	838	1.7	Cashier	531	1.6	Physician (General)	325	1.9	Mechanical Engineer	187	2.1	Psychologist	228	2.7
10	Physical Ed. Teacher	692	1.4	Constr. Mach. Operator	479	1.5	Special Ed. Teacher	312	1.8	Dentist	179	2.0	Physical Therapist	198	2.3
11	Elem. School Teacher	663	1.3	Driver (truck or route)	446	1.4	Architect	297	1.7	Physical Ed. Teacher	171	1.9	Med. Lab Tech or Ass't	159	1.9
12	Social Worker	585	1.2	Airline Steward(ess)	440	1.4	Social Worker	292	1.7	Forester	170	1.9	Secretary or Stenog.	156	1.8
13	Author, Journalist	575	1.2	Clerks	423	1.3	Electrical Engineer	290	1.7	Author, Journalist	162	1.8	Interior Dec. or Design	153	1.8
14	Cashier	557	1.1	Registered Nurse	410	1.3	Pharmacist	286	1.6	Veterinarian	156	1.8	Physician (Specialized)	131	1.8
15	Airline Steward(ess)	551	1.1	Military/Enlisted	393	1.2	Engineer(undecided spec)	285	1.6	Farmer	154	1.7	Pharmacist	142	1.7
16	Architect	516	1.0	Lic. Practical Nurse	387	1.2	Veterinarian	280	1.6	Pharmacist	144	1.6	Music Teacher	139	1.6
17	Constr. Mach. Operator	512	1.0	Carpenter or Appr.	338	1.0	Police, Sec'ty Officer	254	1.5	Musician	127	1.4	Dental Hygienist	136	1.6
18	Artist or Sculptor	502	1.0	Artist or Sculptor	333	1.0	Physical Therapist	231	1.3	Psychologist	125	1.4	Veterinarian	124	1.4
19	Special Ed. Teacher	489	1.0	Welder, Flame Cutter	322	1.0	Music Teacher	229	1.3	Civil Engineer	124	1.4	Artist or Sculptor	117	1.4
20	Lic. Practical Nurse	479	1.0	Bookkeeper	321	1.0	Forester	225	1.3	Conservation	118	1.3	Pre-School, Kgtn Teacher	111	1.3

The data of Tables 22 and 23 represent the occupation or career choices of the survey respondents. Many aspired to occupations in which competition for training or employment has proved to be extremely intense. These choices were not limited to the college preparatory respondents, but included the non-college preparatory cohort who chose such occupations as airline hostess and artist or sculptor.

Within the college preparatory group, nineteen of the twenty most frequently selected occupations are generally classified as "professional, technical, and kindred." Many of these are occupations in which the competition for entrance is great. As might be expected, the choices of males and females differed greatly.

* * * * *

TABLE 24: DEGREE OF CERTAINTY OF OCCUPATION OR CAREER CHOICE AND EDUCATIONAL PLANS

Question 9: My present occupation or career choice and educational plans are _____.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
Degree of Certainty	n	%	n	%	n	%	n	%	n	%
Quite definite	10,795	21.7	6,284	19.5	4,511	25.8	1,943	22.1	2.551	29.7
Almost definite	22,086	44.5	13,828	43.0	8,258	47.3	4,226	48.0	4,005	46.6
Indefinite	16,258	32.7	11,655	36.2	4,603	26.4	2,585	29.3	1,999	23.3
No response	488	1.0	407	1.3	81	0.5	52	0.6	29	0.3
Total	49,627	100	32,174	100	17,453	100	8,806	100	8,584	100

College prep respondents appeared more certain of their occupation or career choice than did non-college prep. Females within the college prep category also felt more definite about their plans than did males. Approximately one quarter of the college prep cohort felt that they were quite definite about their future plans, and a slightly higher proportion reported that they were indefinite.

* * * * *

TABLE 25: TIME OF FIRST INTEREST IN CHOSEN OCCUPATION OR CAREER

Question 10: I had my first interest in my chosen occupation or career while in _____.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Elementary((1-6)	5,019	10.1	2,783	8.6	2,236	12.8	977	11.1	1,248	14.5
Junior High (7-8)	7,522	15.1	4,600	14.3	2,922	16.7	1,435	16.3	1,474	17.2
High School freshman	7,218	14.5	4,793	14.9	2,425	13.9	1,264	14.3	1,154	13.4
H.S. sophomore	8,635	17.4	5,791	18.0	2,844	16.3	1,525	17.3	1,306	15.2
High school junior	12,926	26.0	8,407	26.1	4,519	25.9	2,280	25.9	2,229	26.0
High school senior	7,128	14.4	4,976	15.5	2,152	12.3	1,132	12.8	1,011	11.8
No response	1,211	2.1	845	2.6	366	2.1	198	2.2	167	1.9
Total	49,659	100	32,195	100	17,464	100	8,811	100	8,589	100

College prep students, particularly females, appeared to have become interested in their chosen occupations or careers before non-college prep students. For all groups the large majority of respondents expressed this first interest while in high school, with the junior year the year most frequently indicated.

* * * * *

TABLE 26: TIME OF OCCUPATION OR CAREER DECISION

Question 11: I decided on my chosen occupation or career in _____.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Elementary (1-6)	855	1.7	546	1.7	309	1.8	147	1.7	160	1.9
Junior High (7-8)	1,874	3.8	1,199	3.7	675	3.9	319	3.6	353	4.1
High school freshman	3,263	6.6	2,175	6.8	1,088	6.2	501	5.7	583	6.8
H.S. sophomore	4.967	10.0	3,359	10.4	1,608	9.2	837	9.5	768	8.9
High school junior	12,997	26.2	8,365	26.0	4,632	26.5	2,297	26.1	2,321	27.0
High school senior	22,784	45.9	14,604	45.4	8,180	46.8	4,163	47.2	3,983	46.4
No response	2,912	5.9	1,943	6.0	969	5.5	545	6.2	420	4.9
Total	49,652	100	32,191	100	17,461	100	8,809	100	8,588	100

Nearly half of the respondents of all groups had made their occupation or career choices while in their senior year. Approximately one quarter had done so in their junior year.

* * * * *

TABLE 27: MOST IMPORTANT REASON FOR OCCUPATION OR CAREER CHOICE

Question 12: The most important reason for my chosen occupation or career is _____.

Reasons	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Activities on job	19,654	39.6	11,936	37.1	7,718	44.2	3,932	44.6	3,753	43.7
Friends' opinion of job	605	1.2	473	1.5	132	0.8	84	1.0	47	0.5
People I'll work with	6,095	13.9	4,508	14.0	2,397	13.7	663	7.5	1,727	20.1
Like to work indoors	912	1.8	759	2.4	153	0.9	94	1.1	57	0.7
Like to work outdoors	3,190	6.4	2,404	7.5	786	4.5	629	7.1	155	1.8
Money	8,006	16.1	6,022	18.7	1,984	11.4	1,473	16.7	503	5.9
Parents' opinion of job	855	1.7	593	1.8	262	1.5	168	1.9	94	1.1
Status-prestige job	1,864	3.8	1,248	3.9	616	3.5	420	4.8	195	2.3
Service to society	4,659	9.4	1,978	6.1	2,681	15.4	965	11.0	1,710	19.9
No response	3,013	6.1	2,278	7.1	735	4.2	383	4.3	348	4.1
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,589	100

TABLE 28: SECOND MOST IMPORTANT REASON FOR OCCUPATION OR CAREER CHOICE

Question 12: The second most important reason for my chosen occupation or career is

Reasons	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Activities on job	8,148	16.4	5,053	15.7	3,095	17.7	1,408	16.0	1,681	19.6
Friends' opinion of job	1,509	3.0	1,136	3.5	373	2.1	197	2.2	173	2.0
People I'll work with	8,512	17.1	5,324	16.5	3,188	18.3	1,132	12.8	2,044	23.8
Like to work indoors	1,500	3.0	1,216	3.8	284	1.6	166	1.9	117	1.4
Like to work outdoors	2,384	4.8	1,743	5.4	641	3.7	459	5.2	181	2.1
Money	13,979	28.1	9,308	28.9	4,671	26.7	2,905	33.0	1,746	20.3
Parents' opinion of job	2,107	4.2	1,463	4.5	644	3.7	320	3.6	324	3.8
Status-prestige of job	3,517	7.1	2,081	6.5	1,436	8.2	942	10.7	489	5.7
Service to society	4,416	8.9	2,223	6.9	2,193	12.6	812	9.2	1,371	16.0
No response	3,591	7.2	2,652	8.2	939	5.4	470	5.3	463	5.4
Total	49,663	100	32,199	100	17,464	100	8,811	100	8,589	100

Though pluralities of both college prep and non-college prep respondents indicated job activities as the most important reason for choosing their occupation or career, the responses of the two groups differed noticeably. Money was a more important reason for non-college prep seniors and, among the college prep it was a far more important determinant for males than females. Service to society was a more important reason chosen by college prep respondents, particularly the females. Within the college prep group, males also appeared more desirous of working outdoors, less concerned about people with whom they'll be working and more status or prestige conscious.

The second most important reasons for choosing an occupation or career which received the highest response rates (over ten percent) were the same reasons which had also elicited high response rates as the most important reasons. College prep males were more concerned than females about money and status-prestige, and less concerned about service to society and the people with whom they'd be working.

* * * * *

TABLE 29: MOST HELPFUL PERSON(S) IN MAKING CAREER CHOICE

Question 13: The following sources or persons have been the most helpful in making my career choice.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Parents/relatives	16,314	32.8	10,467	32.5	5,847	33.5	3,032	34.4	2,798	32.6
Friends	5,218	10.5	3,819	11.9	1,399	8.0	742	8.4	649	7.6
High school teachers	4,116	8.3	2,583	8.0	1,533	8.8	757	8.6	772	9.0
School counselor	1,841	3.7	1,146	3.6	695	4.0	347	3.9	348	4.1
School programs	1,729	3.5	1,173	3.6	556	3.2	234	2.7	321	3.7
Printed materials	2,314	4.7	1,196	3.7	1,118	6.4	530	6.0	584	6.8
TV/radio	1,155	2.3	692	2.1	463	2.7	278	3.2	182	2.1
Work experience	4,733	9.5	3,312	10.3	1,421	8.1	635	7.2	777	9.0
High school courses	4,654	9.4	3,014	9.4	1,640	9.4	833	9.5	800	9.3
Career info. system	515	1.0	301	0.9	214	1.2	121	1.4	92	1.1
Other	3,605	7.3	1,964	6.1	1,641	9.4	800	9.1	1,835	9.7
No response	3,469	7.0	2,548	7.9	921	5.3	493	5.6	424	4.9
Total	49,663	100	32.215	100	17,448	100	8,802	100	8,582	100

TABLE 30: SECOND MOST HELPFUL PERSON(S) IN MAKING CAREER CHOICE

Question 13: The following sources or persons have been the second most helpful in making my career choice.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Parents/relatives	8,510	17.1	5,482	17.0	3,028	17.3	1,437	16.3	1,580	18.4
Friends	8,205	16.5	5,647	17.5	2,558	14.6	1,296	14.7	1,251	14.6
High school teachers	4,146	8.3	2,560	7.9	1,586	9.1	787	8.9	797	9.3
School counselor	3,230	6.5	1,953	6.1	1,277	7.3	644	7.3	631	7.3
School programs	1,940	3.9	1,286	4.0	654	.3.7	288	3.3	362	4.2
Printed materials	3,897	7.8	2,215	6.9	1,682	9.6	819	9.3	857	10.0
TV/radio	1,805	3.6	1,105	3.4	700	4.0	386	4.4	311	3.6
Work experience	5,066	10.2	3,548	11.0	1,581	8.7	771	8.8	742	8.6
High school courses	4,496	9.1	2,870	8.9	1,626	9.3	888	10.1	733	8.5
Career info. system	1,006	2.0	598	1.9	408	2.3	225	2.6	181	2.1
Other	2,327	4.7	1,355	4.2	972	5.6	513	5.8	455	5.3
No response	5,035	10.1	3,598	11.2	1,437	8.2	745	8.5	683	8.0
Total	49,663	100	32,217	100	17,446	100	8,799	100	8,583	100

Parents and relatives were the most helpful person(s) in making career choices for approximately one-third of all the groups. No other factor was indicated as being most important by as many as twelve percent of any group.

Parents and relatives were indicated as being the second most important person(s) in making career choices by seventeen percent of both college prep and non-college prep respondents. Friends appeared to be second most helpful person(s) in making these choices.

* * * * *

TABLE 31: ANTICIPATED LOCATION OF EMPLOYMENT

Question 14: I hope to be employed _____.

	All Respondents		Non-College Preparatory		College Preparatory					
					Total		Male		Female	
	n	%	n	%	n	%	n	%	n	%
In my city or county	15,667	31.5	12,093	37.6	3,574	20.5	1,678	19.0	1,880	21.9
Elsewhere in Indiana	5,221	10.5	3,494	10.9	1,727	9.9	842	9.6	882	10.3
Outside of Indiana	10,008	20.2	5,688	17.7	4,320	24.7	2,129	24.2	2,170	25.3
No preference	17,620	35.5	10,088	21.3	7,532	43.1	4,001	45.4	3,508	40,8
No response	1,134	2.3	828	2.6	306	1.8	158	1.8	147	1.7
Total	49,650	100	32,191	100	17,459	100	8,808	100	8,587	100

A far higher percentage of non-college prep seniors (37.6 percent) expected to work in their home city or county than did college prep seniors (20.5%). More of the college prep students indicated either no preference concerning their location of employment or an anticipation of working outside of Indiana. The responses of college prep males and females varied only slightly concerning their anticipated locations of employment

* * * * *

APPENDIX I

SURVEY QUESTIONNAIRE

EDUCATIONAL AND EMPLOYMENT PLANS AND OCCUPATIONAL CHOICES OF INDIANA HIGH SCHOOL SENIORS IN THE CLASS OF '75

Dear Senior:

What do you plan to do when you graduate?

The time is nearly here when you must firm up your plans and decide what you want to do after graduation.

We believe that completing this questionnaire will help you in making your decisions by:

(1) Reminding you of the many occupational opportunities there are,

(2) Presenting alternative actions you might want to take, and

(3) Identifying the many training or educational institutions and programs that are available, should you decide to continue your studies.

Remember that your chances of success are much better when you make good plans, set your goals, and keep them in mind.

Your questionnaire is printed on white paper. Please fill it out carefully. The yellow sheets have three lists to be used with the questionnaire. They are

LIST A Occupational Titles,

LIST B Colleges and Universities in Indiana, and

LIST C Education and Training Programs.

You are welcome to keep these lists after you complete the questionnaire and turn it in.

We need your answers to help us plan future programs and facilities, and to strengthen existing ones. Your name is not requested on the questionnaire as all answers are confidential.

Please cooperate so we can both benefit from our efforts.

Many thanks!

Dr. J. P. Lisack
Purdue University, SCC-A
W. Lafayette, IN 47907

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AND THE

INDIANA VOCATIONAL TECHNICAL COLLEGE

LIST A

OCCUPATIONAL TITLES

Please use this list when you answer question 6 on your questionnaire where you identify the occupation of the head of your household -- and question 8 where you identify your own chosen occupation.

All occupations are numbered and are listed alphabetically except for those arranged in special groups for your convenience. Shown together are all Agricultural Related Occupations, Apprentices, Engineers, Health or Medical Related Occupations, Teachers, and Technicians in the Engineering or Science Fields. (Technicians usually require about 2 years of post-high school training or education, such as in an Associate Degree Program.)

Review this list carefully, find the occupation you are looking for and enter the corresponding three digit code number in the blank provided on the questionnaire.

You are welcome to keep these lists when you complete your questionnaire.

CODE	OCCUPATION
101	Accountant or Auditor
102	Actor, Actress, Dancer or Entertainer
103	Advertising Agent or Related Occupation
	AGRICULTURAL RELATED OCCUPATIONS
104	Agricultural Engineer
105	Agronomist or Geneticist
106	Animal Technician (Veterinarian Assistant)
107	Conservationist, Soil or Range Manager
108	Farmer; General, Speciality Crop, Dairy or Fruit
109	Forester
110	Horticulturist
111	Veterinarian
112	Airline Hostess or Steward(ess)
113	Airplane Mechanic (See Technicians)
114	Announcer or Broadcaster, Radio or TV
	APPRENTICES
115	Carpenter Apprentice
116	Electrician Apprentice
117	Metal Working Apprentice
118	Plumber or Pipe-fitter Apprentice
119	Printing Trade Apprentice
120	Other Construction Trade Apprentice
121	Other Apprentice (Not listed)
122	Architect
123	Artist or Sculptor (Not a Teacher)
124	Assembly or Production Worker in a Factory
125	Athlete or Sports Official (Not a Teacher)
126	Attendant, Service Station (Not Automobile Mechanic)
127	Author, Journalist or Reporter
128	Automobile Mechanic or Repairman
129	Barber
130	Bartender
131	Beautician, Beauty Operator or Cosmetologist
132	Biologist (Not a Teacher)
133	Bookkeeper
134	Brick and Stone Mason or Tile Setter
135	Building Constractor
136	Buyer or Purchasing Agent
137	Cabinet Maker
138	Carpenter
139	Cashiers, Retail Stores and Banks (See Clerks)
140	Cement Mason or Worker
141	Chemist (Not a Teacher)

CODE	OCCUPATION
142	Clergyman; Minister, Priest, or Rabbi
143	Clerks (incl. File, General, Sales, Post-office, or Special Clerks; does not include Cashiers who handle customer payments)
144	Commerical Artist or Industrial Illustrator
145	Computer Analyst or Scientist
146	Computer Key-punch or Data Typist
147	Computer Operations Manager
148	Computer Programmer
149	Computer or Related Equipment Operator
150	Construction Machinery Operator
	Construction Worker (See Brick Mason, Building Contractor, Carpenter, Cement Mason, Painter or Plumber)
151	Cook or Chef
	Dental Occupations (See Health Related Occupations)
152	Diesel Mechanic
153	Dietician
	Doctors (See Health Related Occupations)
154	Dressmaker or Seamstress (See Tailor)
155	Draftsman (See Technicians)
156	Driver, Bus or Taxi
157	Driver, Truck or Routeman
158	Economist (Not a Teacher)
159	Embalmer or Undertaker
160	Electrician (Also see Apprentices and Technicians)
161	Electronics Repairman, Radio or TV (See Technicians)
	ENGINEERS
162	Aeronautical or Astronautical Engineer
104	Agricultural Engineer
163	Biomedical Engineer
164	Chemical Engineer
165	Civil Engineer
166	Construction Engineer
167	Electrical Engineer
168	Environmental Engineer
169	Industrial Engineer
170	Mechanical Engineer
171	Metallurgical Engineer or Metallurgist
172	Mining or Petroleum Engineer
173	Nuclear Engineer
174	Sanitary Engineer
175	Undecided Field in Engineering
124	Factory Worker, Assembly or Production Worker
176	Fireman or Fire Fighter; Paid, not Volunteer

CODE	OCCUPATION
177	Foreman or Supervisor of Workers
178	Geo-scientists; Geologist or Geophysicist (Not a Teacher)
179	Guidance Counselor or Student Advisor

HEALTH RELATED OCCUPATIONS

Dental Occupations

180	Dental Assistant
181	Dental Hygienist
182	Dental Laboratory Technician
183	Dentist

Medical Practitioners

184	Chiropracter
185	Optometrist
186	Osteopath Physician
187	Physician, General Practice
188	Physician, Specialized Practice
189	Podiatrist (Foot Specialist)
111	Veterinarian

Medical Related Technicians* and Assistants

106	Animal Technician (Veterinarian Assistant)
190	Electrocardiograph Technician
191	Electroencephalograph Technician
192	Hospital Ward Clerk
193	Hospital Worker, Not otherwise listed
194	Medical Artist
195	Medical Assistant
196	Medical Laboratory Technician or Assistant
197	Medical Record Technician or Clerk
198	Medical Secretary
199	Mental Health Technician (See Nursing Aide)
200	Operating Room Technician
201	Optometric Assistant
202	Physician's Assistant
203	Radiologic (X-ray) Technician
204	Other Medical Technician or Assistant, Not listed

*Technicians usually require about two years of training after graduation from high school

Nursing Occupations

205	Registered Nurse (R.N.)
206	Licensed Practical Nurse (LPN)
207	Nursing Aide, Orderly or Attendant (incl. Psychiatric Aide)

Therapy and Rehabilitation

208	Occupational Therapist
209	Occupational Therapy Assistant
210	Physical Therapist
212	Respiratory (Inhalation) Therapist
213	Speech Pathologist, Audiologist or Speech and Hearing Clinician

Other Medical and Health Related Occupations

214	Bio-Medical Engineering Technician
153	Dietitian
215	Hospital Adminstrator or Manager
216	Industrial Hygienist
217	Medical Records Administrator
218	Pharmacist
219	Sanitarian
220	Other Medical or Health Related Occupation, Not listed

CODE	OCCUPATION
221	Historian (Not a Teacher)
222	Home Economist (Not a Teacher)
223	Housewife
144	Industrial Illustrator or Commerical Artist
224	Interior Decorator or Designer
	Laboratory Technicians or Assistants (See Technicians and Health Related Occupations)
127	Journalist, Author or Reporter
226	Land Surveyor
227	Lawyer or Judge
228	Librarian
229	Librarian Assistant or Aide
206	Licensed Practical Nurse (LPN). See Health Related Occupations
230	Lineman or Serviceman, Electrical Power or Telephone
231	Machinery Maintenanceman or Millwright
232	Machinist or Machine Shop Related Occupation (Not Sheet Metal Worker)
233	Maid or Housekeeper
234	Mail Carrier
235	Manager, Cafeteria or Restaurant
147	Manager, Computer Operations
215	Manager, Hospital
236	Manager, Hotel, Motel or Apartment House
237	Manager or Supervisor, Industrial
238	Manager, Office
239	Manager, Retail or Wholesale Operations
240	Manager, Other, Not listed
241	Mathematician or Statistician (Not a Teacher)
242	Meatcutter or Butcher
	Mechanics or Repairman (See Automobile or Diesel Mechanic, Technicians or Machinery Maintenanceman)
243	Military, Enlisted; All Services
244	Military, Commissioned Officer; All Services
245	Mining or Petroleum Equipment Operator
246	Musician (Not a Teacher)
	Nurses (See Health Related Occupations)
247	Oceanographer
248	Office Machine Operator
249	Office Machine Repairman
250	Painter or Paper-hanger
218	Pharmacist (See Health Related Occupations)
251	Photographer, Photo Processing or Related Occupation
252	Physicist (Not a Teacher)
253	Pilot, Commerical Aviation
254	Plumber or Pipe-fitter
255	Police or Security Officers (incl. Detective, Guard or Sheriff)
256	Printer, Pressman or Related Occupations
124	Production or Assembly Worker in Factory
257	Psychologist (Not a Teacher)
258	Public Official or Politician
205	Registered Nurse (R.N.) See Health Related Occupations
	Retail Clerk (See Clerks or Cashiers)

CODE	OCCUPATION
259	Salesman; Bonds, Stocks or Securities
260	Salesman, Insurance
261	Salesman, Manufacturers' Products
262	Salesman, Real Estate and Broker
263	Sales Workers (See Advertising, Clerks, or Cashiers or Managers)
264	Salesman or Sales Workers, Not listed
265	Secretary or Stenographer
266	Sheet Metal Worker (Not Machinist)
267	Social Scientist (Not a Teacher)
268	Social Service or Welfare Aide
269	Social Worker
265	Stenographer or Secretary
270	Tailor (See Dressmaker or Seamstress)
	TEACHERS
271	Pre-school or Kindergarten Teachers
272	Elementary (grade school) Teachers
273	Special Education Teachers (incl. handicapped or exceptional children)
	High School or Junior High School Teachers
274	Agriculture
275	Art
276	Business and Office
277	Communications (Speech or Dramatics)
278	Distributive Education
279	English
280	Health
281	Home Economics
282	Industrial Arts
283	Languages, Modern or Foreign
284	Library Science
285	Life Sciences (Biology, Botany or Ecology)
286	Mathematics
287	Music
288	Physical Education and Coaching
289	Physical Sciences (Chemistry or Physics)
290	Vocational, Trade and Industrial, or Technical Education
291	Social Sciences (Sociology, Civics, History or Economics)
292	Other Subject Areas
293	College or University Professor or Instructor
179	Guidance Counselor or Student Advisor

TECHNICIANS: Engineering or Science Support Related Fields (Does not include medical related technicians or Auto and Diesel Mechanics) Technicians usually require about two years of training after graduation from high school, such as in an Associate Degree Program.

300	Architectural Technician
301	Aviation Electronics Technician
113	Aviation Maintenance Technician; Airframe or Power-plant Mechanic
302	Biological Technician
303	Chemical Technician
304	Civil Engineering Technician
305	Construction Technician

CODE	OCCUPATION
155	Draftsman (incl. Mechanical Drafting and Design Technology)
306	Electrical or Electronics Technician (incl. Electrical Engineering Technology)
307	Environmental and Pollution Control Technician
308	Geo-science Technician
309	Industrial Technician (incl. Industrial Engineering Technology)
310	Mechanical Technician (incl. Mechanical Engineering Technology)
311	Physics Technician
312	Other Technical Type Technicians, Not listed
313	Tool or Die Maker
314	Typist (See Secretary)
315	Waitress, Waiter or Dining Room Attendant
316	Water or Sanitary Works Operator
317	Welder and Flame-cutter
318	Other Professional Occupation, Not listed
319	Other Service Occupation, Not listed
320	Other Skilled Worker Occupation, Not listed

LIST B

COLLEGES AND UNIVERSITIES IN INDIANA

Public Supported State Colleges and Universities

BALL STATE

01 Muncie Campus

INDIANA STATE UNIVERSITY

02 Terre Haute Campus
03 Evansville Campus
04 I.S.U. Location Undecided

INDIANA UNIVERSITY

05 Bloomington Campus
06 East Campus, Richmond
07 Fort Wayne Campus
08 Indianapolis Campus (IUPUI)
09 Kokomo Campus
10 Northwest Campus, Gary
11 South Bend Campus
12 Southeast Campus, New Albany
13 I.U. Location Undecided

VINCENNES UNIVERSITY

14 Vincennes Campus
15 Jasper Center, Jasper
16 Vincennes University Location Undecided

PURDUE UNIVERSITY

20 West Lafayette Campus
21 Calumet Campus, Hammond
22 Fort Wayne Campus
23 Indianapolis Campus (IUPUI)
24 North Central Campus, Westville
25 Purdue at I.U. East, Richmond
26 Purdue at I.U. Kokomo
27 Purdue at I.U. Southeast, New Albany
28 Purdue at Vincennes
29 Purdue Location Undecided

INDIANA VOCATIONAL TECHNICAL COLLEGE

31 Region 1
Hammond-Gary-Michigan City Area

32 Region 2
Elkhart-Mishawaka-South Bend Area

33 Region 3
Fort Wayne-Huntington Area

34 Region 4
Crawfordsville-Lafayette Area

35 Region 5
Kokomo-Logansport-Peru-Wabash Area

36 Region 6
Anderson-Marion-Muncie Area

37 Region 7
Terre Haute Area

38 Region 8
Indianapolis Area

39 Region 9
Connersville-New Castle-Richmond Area

40 Region 10
Bedford-Bloomington-Columbus-Greensburg Area

41 Region 11
Aurora-Madison-North Vernon Area

42 Region 12
Evansville-Jasper-Vincennes-Washington Area

43 Region 13
Jeffersonville-New Albany Area

44 I.V.T.C. Location Undecided

Private Colleges and Universities

50 Anderson College, Anderson
51 Bethel College, Mishawaka
52 Butler University, Indianapolis
53 Christian Theological Seminary, Indianapolis
54 Concordia Senior College, Fort Wayne
55 DePauw University, Greencastle
56 Earlham College, Richmond
57 Evansville, University of, Evansville
58 Fort Wayne Bible College, Fort Wayne
59 Fort Wayne Art Institute, Fort Wayne
60 Franklin College of Indiana, Franklin
61 Goshen College, Goshen
62 Grace Theological Seminary and College, Winona Lake
63 Hanover College, Hanover
64 Holy Cross Jr. College; School of Nursing, South Bend
65 Huntington College, Huntington
66 Indiana Central College, Indianapolis
67 Indiana College of Business and Technology, Indianapolis
68 Indiana Institute of Technology, Fort Wayne
69 Manchester College, North Manchester
70 Marian College, Indianapolis
71 Marion College, Marion
72 Northwood Institute, West Baden
73 Notre Dame, University of, South Bend
74 Oakland City College, Oakland City
75 Rose Hulman Institute of Technology, Terre Haute
76 St. Francis College, Fort Wayne
77 St. Joseph's College, Rensselaer
78 St. Joseph's Calumet College, East Chicago
79 St. Mary-of-the-Woods College, Terre Haute
80 St. Mary's College, South Bend
81 St. Meinrad College, St. Meinrad
82 Taylor University, Upland
83 Tri-State College, Angola
84 Valparaiso Technical Institute, Valparaiso
85 Valparaiso University, Valparaiso
86 Wabash College, Crawfordsville
87 Other Private College or University in Indiana not listed

LIST C
EDUCATION AND TRAINING PROGRAMS

BACHELOR OR HIGHER DEGREE
(4 years' college or more)

CODE	FIELD OF STUDY
10	Agriculture
11	Architecture
12	Biological and Life Sciences
13	Business or Commerce (See Management)
14	Education
15	Engineering
16	English, Literature or Journalism
17	Fine and Applied Arts
18	Foreign Languages
19	Health or Medical Related
20	Home Economics
21	Law
22	Library Science
23	Management or Supervision
24	Mathematics or Computer Science
25	Physical Sciences
26	Philosophy or Theology
27	Physical Education or Recreation
28	Psychology
29	Public Affairs and Services
30	Social Sciences
31	Technology (construction, electrical or manufacturing)
32	Interdisciplinary and Area Studies
33	Other Academic Field not listed

ASSOCIATE DEGREE OR CERTIFICATE PROGRAMS
(Normally 2 years' or less duration)

CODE	FIELD OF STUDY
	Business and Commerce
34	Accounting Technology
35	Agricultural Business Technology
36	Audio-Visual Communications Technology
37	Banking and Finance
38	Business Management
39	Commercial Art or Industrial Illustration
40	Commercial and Industrial Photography
41	Communications or Broadcasting
42	Court and Conference Reporting
43	Hotel or Restaurant Management
44	Industrial Management
45	Legal Assistant
46	Marketing, Distribution, and Purchasing
47	Medical Transcription
48	Printing, Lithography and Graphic Arts
49	Secretarial (Stenographer, Secretary, Office Technology)
50	Supervision
51	Other Business or Commerce
	Data Processing and Computers
52	Computer Programming
53	Computer Technology and Data Processing (incl. Operators)
54	Keypunch or Data Typist and Verifier
	Health and Medical Support Services and Related
55	Bio-medical Electronics Technology
56	Care Center Activities Specialist
57	Child Care Technology
58	Dental Support (incl. Assistant, Hygienist, Laboratory Technician)
59	Dietary Assistant
60	Emergency Care Technology
61	Medical Support (incl. Assistants, Aides, Laboratory or Mental Health and other Technicians, Radiology, Records, Therapy, Operating Room, etc.)
62	Nursing (incl. R.N., LPN, and Aides)
63	Veterinary Medicine, Animal Technology
64	Other Health Service and Related
	Mechanical, Engineering and Science Support Technologies
65	Aeronautical and Aviation Technologies
66	Agricultural Equipment Technology
67	Appliance Repair
68	Architectural Drafting and Design Technology
69	Automotive and Diesel Technology
70	Chemical, Physical or Geo-science Technologies
71	Civil Engineering Technology
72	Construction and Building Technology
73	Drafting, (incl. Engineering Graphics, Mechanical Drafting and Design)
74	Electrical or Electronics (incl. Electrical Engineering Technology)
75	Heating, Air Conditioning and Refrigeration
76	Industrial (Engineering) Technology
77	Mechanical (Engineering) Technology
78	Precision Instrumentation and Inspection
79	Radio, TV or Appliance Repair
80	Welding Technology
81	Other Mechanical, Engineering or Science Support Technologies
	Public Service Related
82	Criminal Justice and Law Enforcement
83	Education Support Technologies
84	Environmental and Pollution Control Technology
85	Fire Science (Applied)
86	Ground Water Specialist
87	Social Service Technology
88	Other Public Service Program
	Miscellaneous
39	Commercial Art or Industrial Illustration
89	Food Sales, Service or Management
90	Horticulture Technology
91	Fluid Power Technology
92	Industrial Safety and Health
93	Industrial Security
94	Interior Design or Decorating
95	Library Resource Aide
96	Mining or Petroleum Technology
97	Mortuary Science Technology
98	Plastics Technology
99	Other Miscellaneous Program

INDIANA HIGH SCHOOL SENIOR QUESTIONNAIRE

I am a senior in ..... High School

PLEASE CHECK (✓) YOUR CHOICE IN EACH OF THE FOLLOWING STATEMENTS
(All replies will be confidential)

1. I am
   - Male .....
   - Female .....

2. My major area of study (course concentration) is (check only one)
   - College Preparatory .....
   - Business Education .....
   - Vocational Education .....
   - General Education .....
   - Other .....

3. My high school grade average is closest to (check only one)
   - A .....
   - B .....
   - C .....
   - D .....
   - Unknown .....

4. The population of the town, city or other place in which I live is (check only one)
   - Rural — less than 1000 .....
   - Between 1000 and 5000 .....
   - Between 5000 and 25,000 .....
   - Between 25,000 and 50,000 .....
   - 50,000 or higher .....
   - Unknown .....

5. The head of my household is (check only one)
   - Father .....
   - Mother .....
   - Other .....

6. The occupation of the head of my household is (Refer to list of occupations, List A, on the yellow sheet, and write the code number in this blank) _____ ....
   If the head of your household is no longer employed (deceased, retired, unemployed or other reason) please enter the code number of their last job.

7. The highest level of education of the head of my household is (check only one)
   - Less than high school graduate .....
   - High School graduate .....
   - Some college, but no degree .....
   - College or University graduate .....
   - Unknown .....

8. At present my main occupation or career choice after I complete my education or military service is (Refer to list of occupations, List A, on the yellow sheet, and write your choice as a code number in the blank) ....

9. My present occupation or career choice and educational plans are (check only one)
   - Quite definite .....
   - Almost definite .....
   - Indefinite .....

Please turn page and continue

10. I had my first interest in my chosen occupation or career while in
(check only one)

Elementary grades (1-6)	.....	1 21
Junior High grades (7-8)	.....	2
High School Freshman	.....	3
High School Sophomore	.....	4
High School Junior	.....	5
High School Senior	.....	6

11. I decided on my chosen occupation or career in
(check only one)

Remember your decision occurs after you become interested in an occupation.

Elementary grades (1-6)	.....	1 22
Junior High grades (7-8)	.....	2
High School Freshman	.....	3
High School Sophomore	.....	4
High School Junior	.....	5
High School Senior	.....	6

12. The two most important reasons for my chosen occupation or career are (check the most important reason, then check the second most important reason)

	1ST MOST IMPORTANT (Check only one)		2ND MOST IMPORTANT (Check only one)	
Activities on the job	.....	1 23	.....	1 24
Friends' opinion of job	.....	2	.....	2
Kinds of people I'll work with	.....	3	.....	3
Like to work indoors	.....	4	.....	4
Like to work outdoors	.....	5	.....	5
Money	.....	6	.....	6
Parents' opinion of job	.....	7	.....	7
Status or prestige of job	.....	8	.....	8
Serving society	.....	9	.....	9

13. The following sources or persons have been the most helpful and second most helpful in making my career choice

	1ST MOST HELPFUL (Check only one)		2ND MOST HELPFUL (Check only one)	
Parents or other relatives	.....	01 25-26	.....	01 27-28
Friends	.....	02	.....	02
High school teachers	.....	03	.....	03
School guidance counselor	.....	04	.....	04
School programs, (e.g. career development activities)	.....	05	.....	05
Printed materials (brochures, pamphlets, etc.)	.....	06	.....	06
TV and radio	.....	07	.....	07
Previous work experience	.....	08	.....	08
High school courses	.....	09	.....	09
Career information system (Such as; micro-film, computer, or other)	.....	10	.....	10
Other _____ (Please specify)	.....	11	.....	11

14. I hope to be employed
(check only one)

In my city or county	.....	1 29
Elsewhere in Indiana	.....	2
Outside of Indiana	.....	3
No preference	.....	4

15. I am

Black	.....	
Caucasian (White)	.....	2
Spanish-American	.....	3
Other	.....	4

16. Within six months after I graduate, I plan to (check only one)

- Work at a full-time job, no further education planned at this time .....
- Work at a full-time job first, then further my education .....
- Continue my education full-time .....
- Go to school part-time, work part-time .....
- Go into military service .....
- Get married, no further education planned at this time .....
- Get married first, then further my education .....
- I don't know .....
- Other _____ (please describe) .....

IMPORTANT. Please read this before continuing.

If you have no plans at this time to continue your education, (going on with school) within six months after graduation from high school, please complete question 17 and then turn in the questionnaire.

If you plan to delay the continuation of your education for six months or longer after graduation, please skip question 17 and complete question 18, then turn in the questionnaire.

If you do plan to continue your education within 6 months after graduation, please skip questions 17 and 18 and go directly to question 19 on the next page and complete the remaining items.

Complete this question only if you do NOT plan to continue your education upon graduation from high school.

17. I do not plan to enroll in an educational program after graduation because (check only the most important one)

- I plan to look for a job .....
- I already have a job arranged .....
- I plan to get married .....
- I am not interested at this time .....
- I am going into military service .....
- I am undecided what to do .....
- My grades are low .....
- There's no local school that I want .....
- I don't have enough money .....

→ 17.a If you indicated that not having enough money was the most important reason for not continuing your education, which of the following sources of financial aid do you know about? (check every one that you know about)

- Grant or scholarship from the State Scholarship Commission of Indiana .....
- Basic Educational Opportunity Grant .....
- Grant Scholarship or Loan from Educational Institution .....
- Educational Loan from bank or lending institution .....
- I do not know about any sources of financial aid .....
- ROTC Scholarship .....
- Aid from a private sponsor, such as parent's employer, local service clubs, foundations, etc. .....
- Other .....

If you answered question 17 or 17a, you have completed your part of this survey; please hand in your questionnaire. Thank you for participating! We extend our best wishes for your future.

Complete this question only if you plan to DELAY continuing your education for six months or longer after graduation.

18. I plan to delay continuing my education to some later date because (check only the most important one)

- I want to earn some money first .....
- I want to gain some work experience .....
- I want more time to decide what to do .....
- I want to go into military service first .....
- I want to get married first .....
- Other _____ (Write in) .....

If you answered question 18, you have completed your part of this survey; please hand in your questionnaire. Thank you for participating! We extend our best wishes for your future.

Complete question 19 and all remaining items if you plan to continue your training or education within six months after graduation.

19. If you plan to attend a college or university in Indiana, use List B, Colleges and Universities in Indiana, on the yellow sheet and write in your choice as a code number in this blank 42-43

20. If you plan to attend an institution other than those indicated on List B, check your choice of the following

College or university out of state	.....	1 44
Business school in Indiana	.....	2
Business school out of state	.....	3
Other vocational school in Indiana	.....	4
Other vocational school out of state	.....	5
Trade apprenticeship program	.....	6
Other _____ (Write in)	.....	7

21. If you plan to continue your education, refer to List C, Education and Training Programs, on the yellow sheet and indicate your program choice as a code number 45-46

22. If vocational and technical training programs not now available in my community were made available, I would enroll in (Refer to List C, and write your choice as a code number) Leave this question blank if it does not apply. 47-48

23. If you plan to attend college, are you considering any graduate or professional training after you complete your undergraduate college work?

Yes	.....	1 49
No	.....	2

24. My selection of a school for vocational or professional training is based upon (check the most important reason, then check the second most important reason)

	1ST MOST IMPORTANT (Check only one)		2ND MOST IMPORTANT (Check only one)	
Location near home	.....	1 50	.....	1 51
Friends or classmates plan to attend	.....	2	.....	2
Amount of tuition	.....	3	.....	3
Size of school	.....	4	.....	4
Offer what I want to study	.....	5	.....	5
Counselor or teacher suggestion	.....	6	.....	6
Preference of parent or relative	.....	7	.....	7
Reputation or prestige of school	.....	8	.....	8
Other reason	.....	9	.....	9

25. The school in which I plan to enroll is located (check only one)

In my city or county	.....	1 52
Within 25 miles, but outside my home city or county	.....	2
Elsewhere in Indiana	.....	3
Outside of Indiana	.....	4
Haven't decided yet	.....	5

26. I plan to finance my education through (check each one that applies)

Personal savings	.....	53
Parents or family support	.....	54
Loan from the educational institution	.....	55
Loan from a bank or other source	.....	56
Part-time employment while at school	.....	57
Full-time employment during summer months	.....	58
Scholarship or grants	.....	59
Unknown	.....	60
Other _____ (Write in)	.....	61

Retain yellow reference lists for your own use and return this questionnaire to:

Prof. J. P. Lisack
Purdue University, SCC-A
W. Lafayette, Ind. 47907

THANK YOU! We extend our best wishes for your future.

APPENDIX II

CHI-SQUARE VALUES AND SIGNIFICANCE LEVELS FOR RESPONSE DIFFERENCES BY SEX

Table No.	Question No.	Table Title	Chi-Square Value	Degrees of Freedom	Level of Significance
3	4	Population of Home Town	10.811	5	n.s.*
4	15	Racial Characteristics of Respondents	2.939	3	n.s.
5	5	Heads of Households	25.000	2	.001
6	7	Highest Education Level of Head of Household	21.758	4	.001
8	3	High School Grade Averages	376.948	4	.001
9	16	Plans for Six Months After Graduation	206.368	8	.001
10	17	Reasons for Not Enrolling in Education Program (within 6 months)	74.756	8	.001
11	18	Reasons for Plans to Delay Continuation of Education	90.808	5	.001
14	25	Location of School of Intended Enrollment	134.010	4	.001
17	20	Other Institutions to be Attended	40.847	6	.001
18	24a	Most Important Reason for Selecting School for Vocational or Professional Training	75.266	8	.001
19	24b	Second Most Important Reason for Selecting School for Vocational or Professional Training	90.961	8	.001
21	23	Anticipated Graduate or Professional Training	67.470	1	.001
24	9	Degree of Certainty of Occupation or Career Choice and Educational Plans	160.836	2	.001
25	10	Time of First Interest in Chosen Occupation or Career	60.751	5	.001
26	11	Time of Occupation or Career Decision	14.982	5	n.s.
27	12a	Most Important Reason for Occupation or Career Choice	568.910	8	.001
28	12b	Second Most Important Reason for Occupation or Career Choice	989.556	8	.001
29	13a	Most Helpful Person(s) in Making Career Choice	70.315	10	.001
30	13b	Second Most Helpful Person(s) in Making Career Choice	47.264	10	.001
31	14	Anticipated Location of Employment	42.581	3	.001

*n.s. = Not significant at the .01 level or greater.